

Digital Catalog

2023

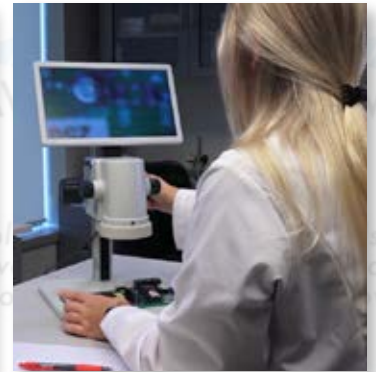


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Microscopy and Inspection

Mighty Scope v2

USB Digital Microscope



Adjustable Focus Mount

Mighty Scope v2

USB Digital Microscope [10x - 200x~]

- ▶ 10x - 200x~ Magnification (based on a 24" monitor)
- ▶ Enhanced Image Sensor (1/4" Color CMOS)
- ▶ Improved depth of field
- ▶ Adjustable 8 energy-efficient LED lights
- ▶ Includes fine-focus metal stand
- ▶ MicroViewer Plus Software optimized for the Mighty Scope v2 w/ all of the measurement and image/video capabilities needed for professional inspection

Mighty Scope v2 Bundles

Product ID	Description
26700-218	Mighty Scope v2 with Fine Focus Stand
26700-218-DFS	Mighty Scope v2 with Fine Focus Stand + Diffuser
26700-218-PLR	Mighty Scope v2 with Fine Focus Stand + Polarizer

Mighty Scope v2 Accessories

Product ID	Description
26700-218-DIFF	Diffuser Attachment for Mighty Scope v2
26700-219	Polarizer Attachment for Mighty Scope v2



26700-218



26700-218-DFS



With Diffuser



Without Diffuser



26700-218-PLR



With Polarizer



Without Polarizer

Mighty Scope® ClearVue

All-In-One Digital Microscope



Mighty Scope® ClearVue

USB Digital Microscope [8x - 25x]

- ▶ 8x - 25x Magnification
- ▶ Compact All-in-one system
- ▶ Save high resolution image/video files directly to microSD card
- ▶ Enhances productivity - eliminates eye strain and body fatigue
- ▶ 1080p Full HD Imaging at 60 FPS
- ▶ HDMI Output for additional monitor viewing
- ▶ ezImageX3 software download included
- ▶ 1080p Full HD Output
- ▶ 5" built-in HD screen

Mighty Scope ClearVue Bundles



26700-220-MNT

26700-220-557



26700-220-505

26700-220-559



26700-220-479D

26700-220-558D

Product ID	Description
26700-220-MNT	Mighty Scope ClearVue on Post Stand
26700-220-557	Mighty Scope ClearVue on Flex Arm Stand w/ Table Clamp
26700-220-505	Mighty Scope ClearVue on Compact Post Stand w/ Dual Gooseneck LEDs & Back Light
26700-220-479	Mighty Scope ClearVue on Post Stand w/ Gliding Stage XYR
26700-220-559	Mighty Scope ClearVue on Spring Balanced Arm w/ Table Clamp
26700-220-559WB	Mighty Scope ClearVue on Adjustable Spring Balanced Arm with Weighted Base
26700-220-558	Mighty Scope ClearVue on Flex Arm Stand w/ Magnetic Base
26700-220-MNTD	Mighty Scope ClearVue Digital Microscope 8x-25x With Post Stand And Diffuser
26700-220-559D	Mighty Scope ClearVue Digital Microscope 8x-25x + 34" Spring Balanced Arm And Diffuser
26700-220-557D	Mighty Scope ClearVue Digital Microscope 8x-25x + 18 Inch FlexArm Stand With Table Clamp And Diffuser
26700-220-479D	Mighty Scope ClearVue Digital Microscope 8x-25x With Post Stand And Gliding Stage And Diffuser
26700-220-558D	Mighty Scope ClearVue Digital Microscope 8x-25x + 18 Inch FlexArm Stand With Magnetic Base And Diffuser



26800B-479

26700-220-STN

26700-220-DIFF

Mighty Scope ClearVue Accessories

Product ID	Description
26800B-479	Compact Gliding Stage X/Y/R
26700-220-STN	Post Stand For Digital Microscope Mighty Scope ClearVue
26700-220-DIFF	Diffuser Attachment For Mighty Scope ClearVue

Cyclops®

Digital Microscopes

Cyclops® 3.0

- ▶ Micro SD card for saving images and video
- ▶ New and improved software and camera sensor
- ▶ New dual screen mode using HDMI & USB outputs simultaneously
- ▶ 13x-140x Magnification
- ▶ The included 11 inch aluminum adjustable stand provides for a large working distance
- ▶ Control the Cyclops' features such as focus and lighting with the infrared remote control



26700-423

Cyclops® HDMI

- ▶ Built-in HDMI output for viewing images directly on an HD monitor
- ▶ Auto focus enabled
- ▶ Designed to maximize efficiency and operator comfort
- ▶ Equipped with a 4x objective lens
- ▶ High magnification range and extended working distance
- ▶ Magnification ranges up to 132x on a 21.5" HD monitor



26700-401



Cyclops® Models

Product ID	Description
26700-423	Cyclops 3.0 Digital Microscope with USB & HDMI [13x to 140x] with 4x Lens
26700-401	Cyclops® HDMI Digital Microscope (up to 132x)
26700-423-505	Cyclops 3.0 + Post Stand w/ Gooseneck LEDs & LED Back Light
26700-401 + 26800B-557-412	Cyclops® HDMI Digital Microscope with 18" Flex Arm/Table Clamp
26700-401 + 26800B-558-412	Cyclops® HDMI Digital Microscope with 18" Flex Arm/Magnetic Base

Optional Configurations



26700-423-505

Cyclops® Stands & Accessories

Product ID	Description
26800B-558-412	18" Flex Arm With 360° Swivel Head and Magnetic Base
26800B-557-412	18" Flex Arm With 360° Swivel Head and 2" Table Clamp
26800B-600	Boom Stand Mounting Post for Cyclops Digital Microscopes



26700-401-557

Cyclops® Accessories

Objective Lenses

Cyclops® 4x Long Focus Lens Item # 26700-400-L-4XLF

Provides operators with a working distance of approximately 95mm - 218mm (3.75 - 8.5 inches).



26700-400-L-4XLF

Cyclops® Objective Lens 10X Item # 26700-400-L10X

Use of this lens will increase magnification, allowing even further clarity for examining small objects. Includes lighting attachment.



26700-400-L10X

Cyclops® Objective Lens 4X with Polarizer Item # 26700-400-PL01

4x Objective Lens with polarizer aides in the illumination and study of small and shiny parts. The polarized lens cover attaches to the Cyclops in order to block intense reflected light, significantly reducing glare.



26700-400-PL01

Add-Ons

22" LCD Monitor Item # 26700-406

Outstanding performance and eco-friendliness complement the sleek design. LED back-lit with 50,000,000:1 Smart Contrast Ratio, Full 1080P with HDMI.



26700-406

Compact Gliding Stage XYR Item # 26800B-479

Compact gliding stage with horizontal, vertical and 360 movement. Ideal for inspecting small parts, micro chips, PCB boards, and more. Durable all-metal construction ensures a long working life, with rack and pinion gears for smooth motion.



26800B-479

HDMI Image Measurement Box Item # 26700-401-IMB-08

Designed for use with Aven's Cyclops HDMI Digital Microscope, this device gives operators access to advanced imaging & measurement software with no need to connect to a PC. Capture images/videos, measure, write on-screen notes, and more.



26700-401-IMB-08

Flex Arm Stands

Flexible Arm Stands are a hassle-free addition to your inspection system. The arm easily bends and stays put in any position. Tilt, rotate, and position as needed. Features a universal 1/4-20" screw mount, compatible with many inspection cameras, consumer cameras, as well as Aven's Cyclops Digital Microscope.

18" Flex Arm With 360° Swivel Head and Magnetic Base Item # 26800B-558-412



26800B-558-412

18" Flex Arm With 360° Swivel Head and 2" Table Clamp Item # 26800B-557-412



26800B-557-412

LCD Monitor Mount, 542 Series, 12" Post Height Item # 26700-411

The 542 Series LCD Monitor Mount expands desktop workspace and provides ergonomic comfort. Holds widescreen display up to 27". Adjust the monitor to where it is most comfortable by adjusting the articulating arms with its 360-degree rotation, -15 to +15 degree tilt, and side to side swivel.



26700-411

Articulating Arm Post Stand

Articulating arm stand for use with microscopes. Features a 415mm (16.33in) articulating arm with two articulating joints on a 450mm (17.7in) post. Includes a built-in table clamp with dual locks for added stability. The arm can be raised/lowered and rotated to the ideal position.



26800B-553

MicroVue

Digital Microscope w/ Built-in HD Monitor



MicroVue

Digital Microscope w/ Built-in HD Monitor [17x - 110x]

- ▶ Built-in 11.6" monitor for ergonomic viewing
- ▶ 8.6x - 221x magnification on the built-in monitor (with optional lenses)
- ▶ HDMI output for external monitor viewing
- ▶ Built-in measurement capabilities
- ▶ Save image/video files to USB storage device
- ▶ USB included
- ▶ Compact design saves bench top space

MicroVue

Product ID	Description
26700-140	MicroVue Digital Microscope With Built-In HD Monitor [17 - 110x]
26700-140-3D	MicroVue Digital Microscope With Built-In HD Monitor And 360 Viewer [8.6x - 221x]

MicroVue Accessories

Product ID	Description
26700-140-L05X	MicroVue Auxiliary Lens 0.5x
26700-140-L20X	MicroVue Auxiliary Lens 2.0x
26700-140-M32	MicroVue Focus Mount With Arbor For Boom Stands, 32mm Opening
26700-140-3DA	MicroVue 360 Viewer Attachment



26700-140



26700-140-L05X



26700-140-L20X



26700-140-M32



26700-140-3DA

Stereo Zoom Microscopes

Bodies

The Aven Advantage

Straight Light Path

Single light path with one bend prevents image distortion

Custom Made Prisms

Prisms custom designed to fit precisely, eliminating gaps for dust and contamination

Unibody Construction

Assures constant prism alignment

Greaseless Nylon Gears

Industrial strength gears with tight tolerances

Single Gear Objective Lens Movement

Keeps the objective lenses aligned for the life of the microscope



The Aven Advantage

Aven's Stereo Zoom Microscopes

- ▶ Virtually greaseless knobs will not slip over time
- ▶ The single lens design will prevent double vision
- ▶ The custom cut prisms allow for a straight light path giving you a crisp, clear image throughout the life of the scope

Stereo Zoom Microscopes

Bodies

SPZ-50 Series Stereo Zoom Microscopes

- ▶ Magnification range: **6.7x-50x** (3.35x-200x with optional lenses)
- ▶ Large 7.46:1 best-in-class zoom ratio
- ▶ Field of view: 34.3mm-3.6mm (1.35"-0.14")
- ▶ Working distance: 108mm (4.25")
- ▶ Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- ▶ Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- ▶ Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- ▶ Includes rubber eye-guards and dust cover



SPZV-50

DSZ-70 Series Binocular Stereo Zoom Microscopes

- ▶ Magnification Range: **20x-70x** (5x-224x with optional lenses)
- ▶ 3.5:1 zoom ratio
- ▶ Field of view: 10mm-2.8mm (0.39"-0.11")
- ▶ Working Distance: 80mm (4.25")
- ▶ Includes DSW10xZ (F.N.20) eyepieces
- ▶ Optional eyepieces available include DSW5xZ (F.N.20), DSW15x (F.N.15) & DSW20x (F.N.11.4)
- ▶ Versatile binocular microscope best suited for high magnification applications
- ▶ Includes rubber eye-guards and dust cover



DSZ-70

Product ID	Description
SPZ-50	SPZ-50 Stereo Zoom Binocular Microscope
SPZV-50	SPZV-50 Stereo Zoom Trinocular Microscope
SPZ-50E	ESD Safe SPZ-50 Stereo Zoom Binocular Microscope
SPZV-50E	ESD Safe SPZV-50 Stereo Zoom Trinocular Microscope

Optical Data for SPZ-50 & SPZV-50 + SPZ-50E & SPZV-50E

Eyepiece DHW10x (F.N.23)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x	
Magnifications	6.7x-50x	3.35x-25x	5x-37.5x	10.72x-80x	13.4x-100x	
Working Distance	108mm	240mm	132mm	50mm	41mm	
Field of View	34.3-4.6mm	68.9-9.2mm	45.7-6.1mm	21.4-2.8mm	17.1-2.3mm	

Eyepiece DHW15x (F.N.15)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x	
Magnifications	10.05x-75x	5.02x-37.5x	7.53x-56.25x	16.08x-120x	20.1x-150x	
Working Distance	108mm	240mm	132mm	50mm	41mm	
Field of View	22.3-3mm	44.7-6mm	29.8-4mm	16-1.8mm	11.1-1.5mm	

Eyepiece DHW20x (F.N.11.4)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x	
Magnifications	13.4x-100x	6.7x-50x	10.05x-75x	21.44x-160x	26.8x-200x	
Working Distance	108mm	240mm	132mm	50mm	41mm	
Field of View	17-2.2mm	34-4.5mm	22.6-3mm	10.6-1.4mm	8.5-1.1mm	

Product ID	Description
DSZ-70	DSZ-70 - Binocular Stereo Zoom Microscope

Optical Data for DSZ-70

Eyepiece DSW5xZ (F.N.20)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x	
Magnifications	10x-35x	5x-17.5x	7.5x-26.25x	16x-56x	16x-56x	
Working Dist.	80mm	120mm	85mm	41mm	41mm	
Field of View	10-2.9mm	20-5.7mm	13.3-3.8mm	6.2-1.7mm	6.2-1.7mm	

Eyepiece DSW10xZ (F.N. 20)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x	
Magnifications	20x-70x	10x-35x	15x-52.5x	32x-112x	32x-112x	
Working Dist.	80mm	120mm	85mm	41mm	41mm	
Field of View	10-2.8mm	20-5.7mm	13.3-3.8mm	6.2-1.7mm	6.2-1.7mm	

Eyepiece DSW15x (F.N. 15)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x	
Magnifications	30x-105x	15x-52.5x	22.5x-78.75x	48x-168x	48x-168x	
Working Dist.	80mm	120mm	85mm	41mm	41mm	
Field of View	7.5-2.1mm	15-4.2mm	10-2.8mm	4.6-1.3mm	4.6-1.3mm	

Eyepiece DSW20x (F.N. 11.4)						
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/1.6x	
Magnifications	40x-140x	20x-70x	30x-105x	64x-224x	64x-224x	
Working Dist.	80mm	120mm	85mm	41mm	41mm	
Field of View	5.7-1.6mm	11.4-3.2mm	7.6-2.1mm	3.5-1mm	3.5-1mm	

Stereo Zoom Microscopes

Bodies

DSZ-44 Series Stereo Zoom Microscopes

- ▶ Magnification Range: **10x-44x** (2.5x-140.8x with optional lenses)
- ▶ Zoom ratio: 4.4:1
- ▶ Field of view 23mm to 5.2mm (0.90" to 0.20")
- ▶ Working distance: 90mm (3.54")
- ▶ Includes Wide Field DSW10x (F.N.23) eyepieces
- ▶ Optional eyepieces available include DSW5x (F.N.22.5), DSW15x (F.N.15) & DSW20x (F.N.11.4)
- ▶ Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- ▶ Includes rubber eye-guards and dust cover



DSZV-44

Product ID	Description
DSZ-44	DSZ-44 - Stereo Zoom Binocular Microscope
DSZV-44	DSZV-44 - Stereo Zoom Trinocular Microscope

Optical Data for DSZ-44 & DSZV-44

Eyepiece DSW5x (F.N. 22.5)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	5x-22x	2.5x-11x	3.75x-16.5x	8x-35.2x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	22.5-5.1mm	45-10.2mm	30.6-6.8mm	14-3.1mm	17.1-2.3mm

Eyepiece DSW10x (F.N. 23)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	10x-44x	5x-22x	7.5x-33x	16x-70.4x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	23-5.2mm	46-10.4mm	30.6-6.9mm	14.3-3.2mm	17.1-2.3mm

Eyepiece DSW15X (F.N. 15)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	15x-66x	7.5x-33x	11.25x-49.5x	24x-105.6x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	15-3.4mm	30-6.8mm	20-49.5mm	9.3-2.1mm	17.1-2.3mm

Eyepiece DSW20X (F.N. 11.4)					
Auxiliary Lens	Nil	w/0.5x	w/0.75x	w/1.6x	w/2x
Magnifications	20x-88x	10x-44x	15x-66x	32x-140.8x	13.4x-100x
Working Dist.	90mm	150mm	105mm	45mm	41mm
Field of View	11.4-2.5mm	22.8-5.1mm	15.2-3.45mm	7.1-1.6mm	17.1-2.3mm

SPZH-135 Series Stereo Zoom Microscopes

- ▶ Magnification range: **21x-135x** (14x-180x with optional lenses)
- ▶ 6.4:1 zoom ratio
- ▶ Field of view: 34.3mm-3.6mm (1.35"-0.14")
- ▶ Working distance: 84mm (3.3")
- ▶ Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ DHW20x (F.N.11.4) optional eyepieces available
- ▶ Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- ▶ Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- ▶ Includes rubber eye-guards and dust cover



SPZH-135

Product ID	Description
SPZH-135	SPZH-135 Stereo Zoom Binocular Microscope
SPZHT-135	SPZHT-135 Stereo Zoom Trinocular Microscope

Optical Data for SPZH-135 & SPZHT-135

Eyepiece	DHW15x (F.N.15)		DHW20x (F.N.11.4)	
	Auxiliary Lens	Nil	w/0.5x	Nil
Magnifications	21x-135x	10.5x-67.5x	28x-180x	14x-90x
Working Dist.	84mm	135mm	84mm	135mm
Field of View	10.7-1.6mm	21.4-3.3mm	8.1-1.2mm	16.2-2.5mm

ESD Safe SPZ-50E Series Stereo Zoom Microscopes

- ▶ ESD Safe coating dissipates electrostatic discharges
- ▶ Magnification Range: 6.7x to 50x (3.35x to 200x with optional lenses)
- ▶ Large 7.46:1 best-in-class zoom ratio
- ▶ Field of View: 34.3mm-3.6mm (1.35" to 0.14")
- ▶ Working Distance: 108mm (4.25")
- ▶ Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ Optional eyepieces available include DHW15x (F.N.15) & DHW20x (F.N.11.4)
- ▶ Trinocular body type features click stop zoom adjustment for extremely accurate measuring
- ▶ Trinocular port includes easy adjust C-mount camera adapter for fine focusing
- ▶ Includes rubber eye-guards and dust cover



SPZV-50E

Product ID	Description
SPZ-50E	SPZ-50E ESD Safe Stereo Zoom Binocular Microscope [6.7x-50x]
SPZV-50E	SPZV-50E ESD Safe Stereo Zoom Trinocular Microscope [6.7x-50x]

Stereo Zoom Microscopes

Systems

SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED

- ▶ Magnification Range: 21x-135x
- ▶ Zoom ratio: 6.4:1
- ▶ Field of view: 10.7-1.6mm (0.42"-0.6")
- ▶ Working Distance: 84mm (3.3")
- ▶ Includes high eye point DHW15x (F.N.15) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable Interpupillary distance of 50mm-74mm (1.96"-2.91") accommodates any operator
- ▶ Pole stand with built-in LED illumination with dimmer control
- ▶ Multi coated optical components, free from chromatic and spherical aberration
- ▶ Coarse and fine focusing, ideal for fine detail work



26800B-351

Product ID	Description
26800B-351	SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED

SPZH-135 Stereo Zoom Microscope on Ultra Glide Boom Stand with LED FOI

- ▶ Magnification Range: 21x-135x
- ▶ Zoom ratio: 7.46:1
- ▶ Field of view: (1.35"-0.14")
- ▶ Working distance: 84mm (3.3")
- ▶ Standard High Eye Point wide field 15x eyepieces at 45 degrees for comfortable viewing even for operators with eyeglasses
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable Interpupillary Distance of 1.96" (50mm) to 2.91" (74MM) accommodates any operator
- ▶ Smooth motion of the gliding arm allows the microscope to easily scan across the subject. Features two locking knobs to adjust the horizontal and vertical position of the gliding arm.
- ▶ A heavy 15 x 10.5 inch metal base provides excellent stability and a safety collar on the support post provides added protection for your inspection system.
- ▶ Multi coated optical components, free from chromatic and spherical aberration



26800B-373-11

Product ID	Description
26800B-373-11	SPZH-135 Stereo Zoom Microscope on Ultra Glide Boom Stand with LED FOI

SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS w/ Integrated LED Ring Light

- ▶ Magnification range: 6.7x-50x
- ▶ Large zoom ratio: 7.46:1
- ▶ Field of view: 34.3mm-4.6mm (1.35"-0.18")
- ▶ Working Distance: 108mm (4.25")
- ▶ Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable Interpupillary Distance of 52mm to 75mm (2.04" to 2.95") accommodates any operator
- ▶ Double Arm Boom Stand delivers smooth movement of a ball bearing slide, letting the microscope glide easily across objects
- ▶ Tilttable arbor enables you to angle the microscope for maximum comfort and viewing
- ▶ Integrated 60 LED Ring Light with dimmer
- ▶ Multi coated optical components, free from chromatic and spherical aberration
- ▶ Coarse and fine focusing, ideal for fine detail work



26800B-369

Product ID	Description
26800B-369	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS & Integrated LED Ring Light

DSZV-44 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam® USB 5M CMOS Camera

- ▶ Magnification range: 10x-44x
- ▶ Zoom ratio: 4.4:1
- ▶ Field of view: 23mm-5.2mm (0.91"-0.2")
- ▶ Working distance: 90mm (3.54")
- ▶ Includes wide field DSW10x (F.N.23) eyepieces
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- ▶ Mighty Cam® USB 5M CMOS Camera with ezMeasure software
- ▶ Pole stand with built-in LED illumination with dimmer control
- ▶ Multi coated optical components, free from chromatic and spherical aberration
- ▶ Coarse and fine focusing, ideal for fine detail work



26800B-323

Product ID	Description
26800B-323	DSZV-44 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam® USB 5M CMOS Camera

Design Your Own Microscope System

With a large variety of cameras, lighting options, stands and focus mounts, you can create and order your own customized microscope system on AvenTools.com. If you need help creating a custom system, please call our experienced sales team at **734.973.0099** and let them assist you in creating a tailor made solution that will meet your specific requirements.

Stereo Zoom Microscopes

Systems

SPZ-50 Stereo Zoom Binocular Microscope on Stand PLED

- ▶ Magnification range: 6.7x-50x
- ▶ Large zoom ratio: 7.46:1
- ▶ Field of view: 34.3mm-4.6mm (1.35"-0.18")
- ▶ Working distance: 108mm (4.25")
- ▶ Includes high eye point DHW10x (F.N.23) eyepieces for comfortable viewing even for operators with eyeglasses
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable interpupillary distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- ▶ Pole stand with built in LED illumination with dimmer control
- ▶ Multi coated optical components, free from chromatic and spherical aberration
- ▶ Coarse and fine focusing, ideal for fine detail work



26800B-371

Product ID	Description
26800B-371	SPZ-50 Stereo Zoom Binocular Microscope on Stand PLED

SPZ-50 Stereo Zoom Binocular Microscope System with Polarized Ring Light

- ▶ Superior optics with crystal clear high resolution images
- ▶ Magnification range: 6.7x-50x
- ▶ Compact, durable metal post stand with base
- ▶ 60 LED ring light with adjustable polarizer reduces the glare from shiny or reflective objects



26800B-373-4

Product ID	Description
26800B-373-4	SPZ-50 Stereo Zoom Binocular Microscope System with Polarized Ring Light



DSZ-44 Stereo Zoom Binocular Microscope on Stand DABS with LED FOI

- ▶ Magnification range: 10x-44x
- ▶ Zoom ratio: 4.4:1
- ▶ Field of view: 23-5.2mm (0.91"-0.2")
- ▶ Working distance: 90mm (3.54")
- ▶ Includes wide field DSW10x (F.N.23) eyepieces
- ▶ Diopter adjustment on both eyepiece tubes
- ▶ Adjustable Interpupillary Distance of 52mm-75mm (2.04"-2.95") accommodates any operator
- ▶ Double Arm Boom Stand delivers smooth movement of a ball bearing slide, letting the microscope glide easily across objects
- ▶ Tilttable arbor enables you to angle the microscope for maximum comfort and viewing
- ▶ High Output LED fiber optic illuminator and ring light provides clear illumination for imaging
- ▶ Multi coated optical components, free from chromatic and spherical aberration
- ▶ Coarse and fine focusing, ideal for fine detail work



26800B-303

Product ID	Description
26800B-303	DSZ-44 Stereo Zoom Binocular Microscope on Stand DABS with LED Fiber Optic Illuminator

SPZ-50 Series Stereo Zoom Microscope System with Ring Light w/Adjustable Polarizer

- ▶ Superior optics with crystal clear high resolution images
- ▶ Magnification Range: 6.7x-50x
- ▶ Compact, durable metal post stand with base
- ▶ 120 LED ring light with adjustable polarizer reduces the glare from shiny or reflective objects
- ▶ Available with Mighty Cam® Eidos or as a binocular system



26800B-373-3

Product ID	Description
26800B-373-2	SPZ-50 Stereo Zoom Binocular Microscope System with Ring Light w/ Adjustable Polarizer
26800B-373-3	SPZV-50 Stereo Zoom Trinocular Microscope System with Eidos Camera and Ring Light w/ Adjustable Polarizer

Stereo Zoom Microscopes

Systems



26800B-373-6



26800B-383



SPZ50-506



SPZ-50-534-223



26800B-385



26800B-373-1



26800B-373-10-PRO



26800B-373-2

SPZ & SPZV Stereo Zoom Microscopes (6.7X-50X)

Product ID	Description
26800B-373-8	SPZ-50 Stereo Zoom Microscope with Ultra-Glide Arm Stand and FOI LED Illumination
SPZ-50-534-223	SPZ-50 Stereo Zoom Microscope with OLED Ring Light and Double Arm Boom Stand
26800B-369	SPZ-50 Stereo Zoom Binocular Microscope on Stand DABS & Integrated LED Ring Light
26800B-223-SPZ	SPZ-50 Stereo Zoom Microscope with OLED Ring Light and Pole Stand
26800B-371	SPZ-50 Stereo Zoom Binocular Microscope on Stand PLED
26800B-373-1	SPZ-50 Stereo Zoom Binocular Microscope with Ultra Glide Stand and LED Illumination
26800B-373-6	SPZ-50 Stereo Zoom Binocular Microscope with Double Arm Boom Stand and LED Illumination
26800B-373-4	SPZ-50 Stereo Zoom Binocular Microscope System with Polarized Ring Light
26800B-373-5	SPZ-50 Stereo Microscope on Standard Articulating Arm with E-Arm Focus Mount with Ring Light
26800B-373-2	SPZ-50 Stereo Zoom Binocular Microscope System with Ring Light w/Adjustable Polarizer
SPZ50-506	SPZ-50 Stereo Zoom Microscope on Track Stand with Top and Bottom LEDs
26800B-373-3	SPZV-50 Stereo Zoom Microscope System with Eidos Camera and Ring Light w/Adjustable Polarizer
26800B-373-9	SPZV-50 Stereo Zoom Binocular Microscope with USB 3.0 Camera + FOI LED Illumination
26800B-373-10-PRO	SPZV-50 Stereo Zoom Microscope + 1080p HD Mighty Cam Pro Auto Focus Camera + Ultra Glide Arm Stand, 22" HD Monitor
26800B-385	SPZV-50 Trinocular Microscope with Mighty Cam Eidos 2M Integrated Camera/Monitor
26800B-382-PRO	SPZV-50 True Trinocular Stereo Zoom Microscope on Stand DABS, Mighty Cam Pro Auto Focus Camera. LED FOI & 22" Monitor
26800B-383	SPZV-50 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam USB 3.0 6M CMOS Camera
26800B-373-3	SPZV-50 Stereo Zoom Microscope with Eidos Camera and Double Arm Boom Stand + HD Monitor
SPZV-50-258-512	SPZV-50 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam Pro Camera
SPZV-50E-258-514-ESD	SPZV-50E Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam Pro Camera
SPZV50-506	SPZV-50 Stereo Zoom Microscope on Track Stand with Top and Bottom LEDs

Stereo Zoom Microscopes

Systems



26800B-323



26800B-339



DSZV-44-258-512



DSZV44-506



DSZ44-506

DSZ & DSZV Stereo Zoom Microscopes (10X-44X)

Product ID	Description
26800B-323	DSZV-44 Stereo Zoom Trinocular Microscope on Stand PLED with Mighty Cam USB 5M CMOS Camera
26800B-339	DSZV-44 Trinocular Microscope with Mighty Cam Eidos 2M Integrated Camera/ Monitor
DSZV-44-258-512	DSZV-44 Stereo Zoom Trinocular Microscope on PLED Stand With Mighty Cam Pro
DSZV44-506	DSZV-44 Stereo Zoom Trinocular Microscope on Track Stand with Top and Bottom LEDs
DSZ44-506	DSZ-44 Stereo Zoom Microscope on Track Stand with Top and Bottom LEDs



26800B-373-11



26800B-373-13-PRO



SPZ50-506



26800B-373-12



26800B-351

SPZH & SPZHT Stereo Zoom Microscopes (21X-135X)

Product ID	Description
26800B-355	SPZHT-135 Trinocular Microscope with Mighty Cam Eidos 2M Integrated Camera/ Monitor
26800B-373-12	SPZHT-135 Stereo Zoom Microscope with USB 3.0 Camera + Ultra Glide Stand and FOI LED Illumination
26800B-373-13-PRO	SPZHT-135 Stereo Zoom Microscope + 1080p HD Mighty Cam Auto Focus Camera +, 22" HD Monitor
26800B-373-11	SPZH-135 Stereo Zoom Microscope with Ultra-Glide Arm Stand and FOI Illuminator
26800B-351	SPZH-135 Stereo Zoom Binocular Microscope on Stand PLED
SPZH135-506	SPZH-135 Stereo Zoom Microscope on Track Stand with Top and Bottom LEDs
SPZHT135-506	SPZHT-135 Stereo Zoom Microscope on Track Stand with Top and Bottom LEDs



26800B-355

DSZ Stereo Zoom Microscopes (20X-70X)

Product ID	Description
26800B-340	DSZ-70PFL Stereo Microscope System



26800B-340

CMOS Cameras

Mighty Cam® Pro Auto Focus with HDMI & USB Outputs and SD Card Port

- ▶ Aven's Mighty Cam Pro is an all-in-one inspection auto-focus camera. This camera offers both USB and HDMI outputs for inspection from an HD monitor or your PC via the included Mosaic software. This camera features integrated measurement capabilities for measuring without a PC. This camera also features a built-in SD card port for capturing instant high resolution images with no need for a PC.
- ▶ 1080p Full HD Imaging at 60 FPS
- ▶ USB output connects to PC
- ▶ Built-in measurement software - No PC required
- ▶ Advanced measurement software included for computer connectivity
- ▶ Achieve instant auto focus
- ▶ Enhances productivity - eliminates eye strain and body fatigue
- ▶ Save high resolution image/video files directly to SD card



26100-258

Product ID	Description
26100-258	Mighty Cam® Pro Auto Focus HDMI/USB/SD Card

Mighty Cam Eidos - 5M Camera with Integrated 11.6" HD Monitor

- ▶ All-in-one, compact system
- ▶ 1080p Full HD Imaging at 60 FPS on the 11.6" LCD monitor
- ▶ Built-in measurement software - No PC required
- ▶ Capture high resolution image/video files and perform on-screen measurements without a PC
- ▶ Save high resolution image/video files directly to USB Storage card
- ▶ HDMI Output for additional monitor viewing
- ▶ Monitor can be tilted to the optimal viewing angle
- ▶ Enhances productivity - eliminates eye strain and body fatigue



26100-260

Product ID	Description
26100-260	Mighty Cam Eidos - 5M Camera with Integrated 11.6" HD Monitor

Mighty Cam® USB 3.0 6MP CMOS Camera with Imaging Software

- ▶ Aven's Mighty Cam® USB 6M CMOS Camera with imaging and measurement software. Create stunning images with outstanding clarity then measure, annotate and analyze with ease with the imaging software.
- ▶ USB 6M CMOS Camera with Imaging Software
- ▶ Easy plug-and-play USB 3.0 interface
- ▶ Versatile C/CS lenses mount
- ▶ Calibrate measurements, adjust depth of field in real time and create large panoramic images with real-time stitching feature



26100-244

Product ID	Description
26100-244	Mighty Cam® USB 3.0 6MP CMOS Camera with Imaging Software

Mighty Cam ES Camera with USB + HDMI Outputs and SD Card Port

- ▶ Streamlined camera designed for efficient inspection
- ▶ USB + HDMI outputs - view on an HD monitor or from your PC
- ▶ SD Card - save images and video files
- ▶ Compatible with C C/S Mount lenses and trinocular microscopes
- ▶ 1/4-20" screw mount adapter - mounts to nearly any camera stand
- ▶ Advanced measurement software included for use in PC mode



26100-259

Product ID	Description
26100-259	Mighty Cam ES Camera w/ USB + HDMI Outputs and SD Card Port

Digital Microscope Systems

Mighty Cam Pro [28.8x-384x] Micro Lens w/ Post Stand

- ▶ 57.6x - 384x (28.8x - 192x when using the 0.5x objective lens)
- ▶ Auto focus camera features HDMI & USB outputs
- ▶ Includes LED ring light with 96 ultra-bright adjustable LEDs
- ▶ Heavy duty post stand accommodates a large variety of parts



26700-109-PRO

Product ID	Description
26700-109-PRO	Mighty Cam Pro Auto Focus Micro Lens System with Standard Post Stand

Digital Microscope Systems

Macro Vue Eidos Video Inspection System with Gliding Boom Stand

- ▶ 7x-40x magnification at a 6" working distance
- ▶ The Gliding Boom Stand smoothly glides across large objects
- ▶ Built-in SD card slot for instant image/video capture, no computer required



26700-118

Product ID	Description
26700-118	Macro Vue Eidos Video Inspection System with Gliding Boom Stand

AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand

- ▶ 7x-70x magnification at a 6 inch working distance
- ▶ Ultimate flexibility: 18 inch flexible arm with a 360 ball joint provides limitless positioning options
- ▶ Achieve instant auto focus – no need to adjust the focus of the lens
- ▶ LED ring light with 96 ultra-bright, adjustable LEDs



26700-121-PRO

Product ID	Description
26700-121-PRO	AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand, 64 GB USB Drive Card Table Clamp
26700-120-PRO	AutoFlex Video Inspection System with 1080p Auto Focus Camera & FlexArm Stand, 64 GB USB Drive Card Magnetic Base

Macro Vue Eidos Video Inspection System with Standard Stand

- ▶ 7x-40x magnification at a 6" working distance
- ▶ Wide zoom range for general inspection
- ▶ Built-in SD card slot for instant image/video capture, no computer required



26700-117

Product ID	Description
26700-117	Macro Vue Eidos Video Inspection System with Standard Stand

Mighty Cam Pro [7x-70x] Macro Lens w/ Double Arm Boom Stand

- ▶ Auto focus camera features HDMI & USB outputs
- ▶ 7x - 70x magnification at a 6 inch working distance
- ▶ Includes Aven's Focus Mount with built-in LED ring light
- ▶ Double arm boom stand provides smooth horizontal movement



258-209-534

Product ID	Description
258-209-534	Mighty Cam Pro Auto Focus Macro Lens System with Double Arm Boom Stand

Mighty Cam Pro [3x-43x] w/ Post Stand

- ▶ Provides instant focus from any angle with a sharp 1080p full HD image
- ▶ Save high resolution image/video to the included SD card
- ▶ Magnification range: 3x-43x
- ▶ Heavy duty post stand accommodates a large variety of parts



26700-108-PRO

Product ID	Description
26700-108-PRO	Mighty Cam Pro Auto Focus Macro Lens System with Post Stand

Mighty Cam Pro [7x-70x] Macro Lens w/ Post Stand

- ▶ Auto focus camera features HDMI & USB outputs
- ▶ 7x - 70x magnification at a 6 inch working distance
- ▶ Includes Aven's Focus Mount with built-in LED ring light
- ▶ Heavy duty post stand accommodates a large variety of parts



258-207-570

Product ID	Description
258-207-570	Mighty Cam Pro Auto Focus Macro Lens System with Post Stand

360 Viewer Systems

Mighty Vue Eidos



26700-151-C05-260-570



26700-151-C05-260-506

Mighty Cam ES

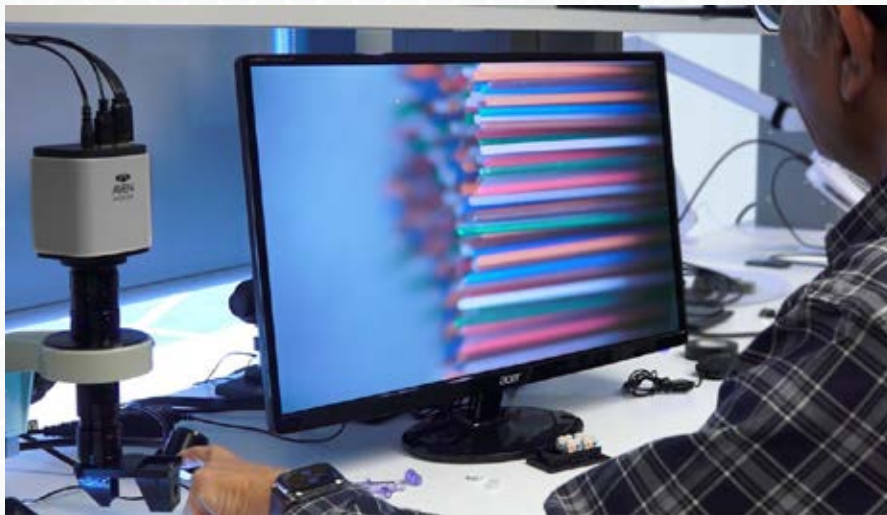


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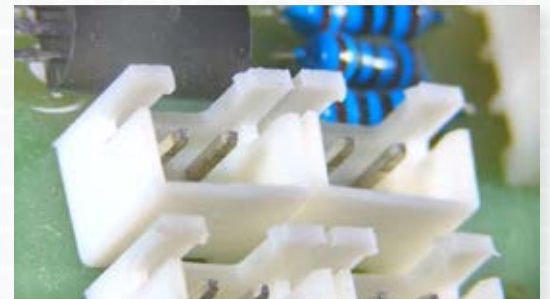


26700-151-C05-259-506

Product ID	Description
26700-151-C05-260-570	Mighty Cam Eidos on Post Stand w/ Gooseneck LEDs + 360 Viewer [13.3x - 94.4x]
26700-151-C05-260-506	Mighty Cam Eidos on Track Stand w/ Overhead and Back Light LEDs + 360 Viewer [13.3x - 94.4x]
26700-151-C05-259-570	Mighty Cam ES on Post Stand w/ Gooseneck LEDs + 360 Viewer [22x - 147x]
26700-151-C05-259-506	Mighty Cam ES on Track Stand w/ Overhead and Back Light LEDs + 360 Viewer [22x - 147x]



360° Rotation
View From All Angles



Features

- ▶ Inspect parts from any angle
- ▶ 360 Viewing w/ included attachment
- ▶ 360 viewer can be easily engaged or disengaged by sliding the mechanism in or out

Mighty Cam ES Systems

Mighty Cam ES [7x-70x] Macro Lens w/ Post Stand

- ▶ Camera features HDMI & USB outputs
- ▶ 7x - 70x magnification at a 6 inch working distance
- ▶ Includes Aven's Focus Mount with built-in LED ring light
- ▶ Heavy duty post stand accommodates a large variety of parts



258-207-570-ES

Mighty Cam ES [7x-70x] w/ FlexArm Stand

- ▶ 7x-70x magnification at a 6 inch working distance
- ▶ Ultimate flexibility: 18 inch flexible arm with a 360 ball joint provides limitless positioning options
- ▶ No computer required for image processing
- ▶ LED ring light with 96 ultra-bright, adjustable LEDs
- ▶ Eliminates the fatigue and eye strain associated with frequent microscope use



26700-121-ES

Product ID	Description
258-207-570-ES	Mighty Cam ES Macro Lens System with Post Stand

Product ID	Description
26700-121-ES	Mighty Cam ES Macro Lens System with FlexArm Stand

Mighty Cam ES [28.8x-384x] Micro Lens w/ Post Stand

- ▶ 57.6x - 384x (28.8x - 192x when using the 0.5x objective lens)
- ▶ Camera features HDMI & USB outputs
- ▶ Includes LED ring light with 96 ultra-bright adjustable LEDs
- ▶ Heavy duty post stand accommodates a large variety of parts



26700-109-ES

Mighty Cam ES [7x-70x] Macro Lens w/ Double Arm Boom Stand

- ▶ Camera features HDMI & USB outputs
- ▶ 7x - 70x magnification at a 6 inch working distance
- ▶ Includes Aven's Focus Mount with built-in LED ring light
- ▶ Double arm boom stand provides smooth horizontal movement



258-209-534-ES

Product ID	Description
26700-109-ES	Mighty Cam ES Micro Lens System with Post Stand

Product ID	Description
258-209-534-ES	Mighty Cam ES Macro Lens System with Double Arm Boom Stand

Mighty Cam ES [3x-43x] w/ Post Stand

- ▶ Camera features HDMI & USB outputs
- ▶ Save high resolution image/video to the included SD card
- ▶ Magnification range: 3x-43x
- ▶ Heavy duty post stand accommodates a large variety of parts



26700-108-ES

Product ID	Description
26700-108-ES	Mighty Cam ES Macro Lens System with Post Stand

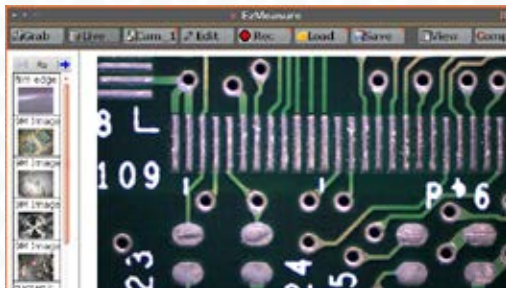


Imaging & Measurement Software



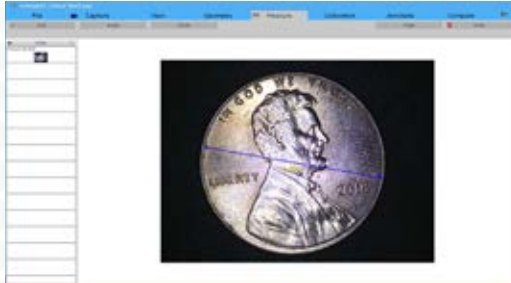
ezImageX3® Software

ezImage® software allows you to measure, annotate, and analyze your images with just a few mouse clicks. With advanced features and easy to use interface, ezImageX3 makes inspection as easy as possible. While using ezImage®, you can view real-time live images or screenshots from your saved folder which can be reviewed, replayed, and analyzed.



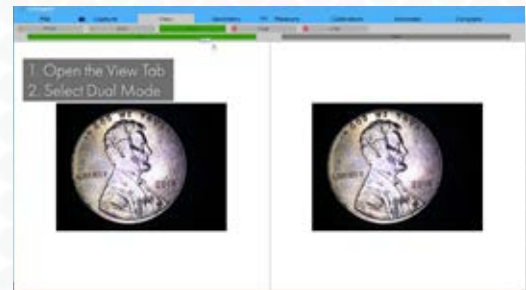
Capture High Quality Images

Create enhanced still photos or record a live video stream for play back



Auto Calibration & Measurement Tools

Auto calibrate with circle and measure with just a few clicks



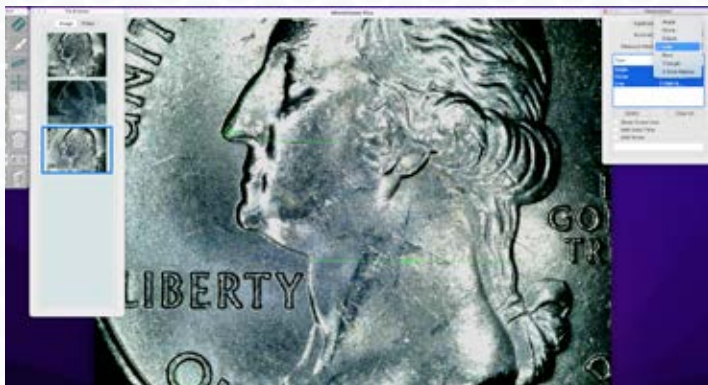
Simultaneous Live Views

Use two cameras on same work station for side by side live views



Compare Overlays

Compare your object to a transparent image to catch imperfections



MicroViewer PLUS Software

The Mighty Scope v2 includes a free download of MicroViewer PLUS software. This software is optimized for the Mighty Scope v2, with all the features needed for professional inspection.

- Image/video capture
- Measurement
- Line, angle, and circle drawings/measurement
- Grid overlays
- Compare modes
- Mac or Windows versions available

Digital Microscope Lenses & Accessories

Macro Zoom 3x – 42x Lens System

- ▶ Focal length: 12-36mm
- ▶ C/CS mount
- ▶ Working distance 20mm~300mm
- ▶ Ideal for quality assurance or assembly applications where easy to view, sharp and true to life magnified image of your product is required. The Macro Zoom 3x-42x offers unsurpassed clarity and parfocal zoom capabilities. Compatible with cameras with C/CS mount. Includes a soft travel pouch.



26700-182

Product ID	Description
26700-182	Macro Zoom 3x-42x Lens System

Computar MLH 10x Lens

- ▶ f/5.6 to 32C manual iris
- ▶ 21.6-4.5° diagonal FOV
- ▶ Manual zoom (10x) and focus
- ▶ 0.15-0.45m Focus
- ▶ C-Mount connection
- ▶ Computar Manual Zoom Lenses provide manual adjustment of focal length, iris and focus. For use where a variable angle of view is required. Main applications for this lens include inspection, machine vision and robotics
- ▶ This system requires an adapter plate



26700-181

Product ID	Description
26700-181	Macro Zoom 3x-42x Lens System
26700-181 AP	Adapter Plate for Macro Lens 26700-181

C-Mount Coupler 0.5x

- ▶ Mounts to Micro Video Lens System Zoom 640
- ▶ Reduces magnification by 0.5x
- ▶ Ideal for cameras with sensors 12.7mm (1/2") or larger
- ▶ Can be used with any C-Mount camera
- ▶ See optical specification chart for more details



26700-156

Product ID	Description
26700-156	C-Mount Coupler 0.5x

Micro Lens System Zoom 640

- ▶ Infinity Optical Design for large depth of field and zoom ratio
- ▶ Parfocal throughout zoom range
- ▶ Compact design
- ▶ High contrast images and vivid colors
- ▶ Aven Micro Lens System produces crisp and clear images that are distortion free and void of chromatic aberration. This lens system comes with detents which allows you to calibrate the lens for measurement repeatability. Comes standard with 1x C-mount coupler and 1x objective lens. Total magnification is 0.6x-4.0x, Field of View is 6mm x 8mm at low magnification and 0.8mm x 1.2mm at high magnification. Working distance is 82mm. Additional couplers and objective lenses are available to help you configure a lens system to meet your application.



26700-151

Product ID	Description
26700-151	Micro Lens System Zoom 640

Adapter Plate for Macro Lens Zoom 7000

- ▶ Adapter for Macro Lens Zoom 7000
- ▶ For focus mounts (26800B-517 & 26800B-518)
- ▶ Outside diameter: 73mm
- ▶ Inside diameter: 46.75mm
- ▶ 22.5mm height



26700-180AP

Product ID	Description
26700-180AP	Adapter Plate for Macro Lens Zoom 7000

Adapter Plate for Micro Lens 640

- ▶ Adapter for Micro Lens 640
- ▶ For focus mounts (26800B-517 & 26800B-518)
- ▶ Outside diameter: 73mm
- ▶ Inside diameter: 35.25mm
- ▶ 24mm height



26700-151AP

Product ID	Description
26700-151AP	Adapter Plate for Micro Lens 640

Adapter Plate for Macro Lens 26700-181

- ▶ Adapter for Macro Lens Zoom 26700-181
- ▶ Outside diameter: 84mm
- ▶ Inside diameter: 47mm
- ▶ 0.75mm height



26700-181AP

Product ID	Description
26700-181AP	Adapter Plate for Macro Lens 26700-181

Digital Microscope Lenses & Accessories

C-Mount Coupler 1.0x

- ▶ Mounts to Micro Video Lens System Zoom 640
- ▶ Increases magnification by 1x
- ▶ Ideal for with sensors less than 16.9mm (2/3")
- ▶ Can be used with any C-Mount camera
- ▶ See optical specification chart for more details



26700-158

Product ID	Description
26700-158	C-Mount Coupler 1.0x

Objective Lens 0.5x

- ▶ Objective Lens for Micro Video Lens System Zoom 640
- ▶ Reduces magnification by 0.5x
- ▶ Color corrected lens system
- ▶ Working distance 175mm (6.9")
- ▶ See optical specification chart for more details



26700-162

Product ID	Description
26700-162	Objective Lens 0.5x

Objective Lens 1.5x

- ▶ Objective Lens for Micro Video Lens System Zoom 640
- ▶ Increases magnification by 1.5x
- ▶ Color corrected lens system
- ▶ Working distance 54mm (2.1")
- ▶ See optical specification chart for more details



26700-165

Product ID	Description
26700-165	Objective Lens 1.5x

Objective Lens 0.75x

- ▶ Objective Lens for Micro Video Lens System Zoom 640
- ▶ Reduces magnification by 0.75x
- ▶ Color corrected lens system
- ▶ Working distance 117mm (4.6")
- ▶ See optical specification chart for more details



26700-163

Product ID	Description
26700-163	Objective Lens 0.75x

Objective Lens 2x

- ▶ Objective Lens for Micro Video Lens System Zoom 640
- ▶ Increases magnification by 2x
- ▶ Color corrected lens system
- ▶ Working distance 35mm (1.4")
- ▶ See optical specification chart for more details



26700-166

Product ID	Description
26700-166	Objective Lens 2x

Objective Lens 1x

- ▶ Objective Lens for Micro Video Lens System Zoom 640
- ▶ Color corrected lens system
- ▶ Working distance 82mm (3.2")
- ▶ See optical specification chart for more details



26700-164

Product ID	Description
26700-164	Objective Lens 1x

Optical Data Chart

Objective		CCD Coupler		
Magnification	Working Distance		0.5X	1X
0.3X	293mm	Total Mag.	0.09X--0.6X	0.18X--1.2X
		FOV(mm)	40X53.33--6X8	20X26.67--3X4
0.5X	175mm	Total Mag.	0.15X--1X	0.3X--2X
		FOV(mm)	24X32--3.6X4.8	12X16--1.8X2.4
0.75X	117mm	Total Mag.	0.225X--1.5X	0.45X--3X
		FOV(mm)	16X21.33-2.4X3.2	8X10.67-1.2x1.6
1X	82mm	Total Mag.	0.3X-2X	0.6X-4X
		FOV(mm)	12X16-1.8X2.4	6X8-0.9X1.2
1.5X	54mm	Total Mag.	0.45X-3X	0.9X-6X
		FOV(mm)	8X10.67-1.2X1.6	4X5.33-0.6X0.8
2X	35mm	Total Mag.	0.6X-4X	1.2X-8X
		FOV(mm)	6X8-0.9X1.2	3X4-0.45X0.6

Microscope Accessories

Illumination

Fiber Optic Illuminator 24W

- ▶ The light source is an ultra-bright and energy efficient LED, providing long-life illumination at low heat temperatures
- ▶ The unit operates quietly, with no distracting fan noise
- ▶ Adjustable brightness intensity up to 1600Lx
- ▶ Anti-static metal construction



26200A-310

Product ID	Description
26200A-310	Fiber Optic Illuminator 24W

Polarizer for Fiber Optic Ring Lights

- ▶ Helps reduce glare
- ▶ Analyzer sits in Counter-bore
- ▶ Low profile does not inhibit placement of lens or subject



26200A-402P

Product ID	Description
26200A-402P	Polarizer for Fiber Optic Ring Lights

Ring Light - Video Lenses

- ▶ High quality fiber
- ▶ Provides 360° shadow-free illumination
- ▶ Large fiber bundle ensures maximum light transmission
- ▶ Comes with standard 15.875mm (5/8") adapter
- ▶ Inner diameter 28.58mm (1.125")
- ▶ Designed for use with Video Lenses



26200A-403

Product ID	Description
26200A-403	Ring Light - Video Lenses

Fiber Optic Ring Light

- ▶ High quality glass fiber
- ▶ Provides 360° shadow free illumination
- ▶ Large fiber bundle ensures maximum light transmission
- ▶ Accepts polarizers
- ▶ Comes with standard 15.875mm (5/8") adapter
- ▶ Inner diameter 58.674mm (2.31")



26200A-402

Product ID	Description
26200A-402	Fiber Optic Ring Light

LED Ring Light with Adjustable Polarizer

- ▶ Ideal for reducing glare when inspecting reflective objects
- ▶ 120 adjustable ultra-bright SMD LEDs
- ▶ Polarizer dial with reference markers to adjust the level of polarization
- ▶ Includes a tinted glass analyzer insert for enhanced polarization effects



26200B-222

Product ID	Description
26200B-222	LED Ring Light with Adjustable Polarizer

Dual Pipe Light Guide

- ▶ High quality fiber
- ▶ Large fiber bundle assures maximum light transmission
- ▶ Obedient "stay-up" sheathing for accurate positioning
- ▶ Focusable lens on each pipe for individual light control



26200A-523

Product ID	Description
26200A-523	Dual Pipe Light Guide

Ring Light LED with Polarizer

- ▶ Polarizer with Analyzer is ideal for illuminating shiny or highly reflective parts
- ▶ LED lights are flicker free, energy efficient and eco-friendly
- ▶ Operates at a low temperature and does not change color over time
- ▶ Inner diameter is 70mm (2.75") with three thumb screws for easy mounting



26200B-214

Product ID	Description
26200B-214	Ring Light LED with Polarizer

LED Ring Light w/ Brightness and Sector Control

- ▶ 60 High Intensity LED Lights
- ▶ 7 Step Brightness Control
- ▶ 4 Sectors and Each can be Controlled Independently
- ▶ Flicker Free
- ▶ No Color Change with Temperature



26200B-211

Product ID	Description
26200B-211	LED Ring Light w/ Brightness and Sector Control

Microscope Accessories

Microscope Focus Mounts

E-Arm Focus Mount w/ Integrated LED Ring Light

- ▶ E-Arm compatible with boom stands and articulating arm stands
- ▶ 60 integrated LED ring light with dimmer control
- ▶ Minimum 20,000 hours of high-output LED illumination
- ▶ Fits Aven's binocular and trinocular microscopes
- ▶ Low power consumption



26200B-209

Product ID	Description
26200B-209	E-Arm Focus Mount w/ Integrated LED Ring Light

Ring Light LED with Integrated Focus Mount

- ▶ Integrated LED ring light with focus mount with coarse and fine focus
- ▶ Eliminates chance of LED ring becoming loose from the microscope
- ▶ Increases working distance
- ▶ May be used with standard stand, articulating arm stand or either single or double arm boom stands*



26200B-207

Product ID	Description
26200B-207	Ring Light LED with Integrated Focus Mount

N-Type Focus Mount

- ▶ Coarse focus adjustments
- ▶ Precision rack and pinion mechanism with tension control
- ▶ 32mm opening for post attachment
- ▶ Will accept Aven SPZH, SPZ, and DSZ series microscopes



26800B-578

Product ID	Description
26800B-578	N-Type Focus Mount

Tiltable Arbor

- ▶ Extends the working range of boom stands and articulating arm stands
- ▶ Allows tilting of microscope bodies
- ▶ Increases operator comfort



26800B-521

Product ID	Description
26800B-521	Tiltable Arbor

Focus Mount

- ▶ Coarse & fine focus adjustments
- ▶ Precision rack & pinion mechanism with tension control
- ▶ 74mm diameter ring
- ▶ Will accept Aven SPZH, SPZ, DSZ and NSW series microscopes



26800B-517

Product ID	Description
26800B-517	Focus Mount

E-Arm Focus Mount

- ▶ Rack and pinion mechanism with coarse focus adjustment
- ▶ 50mm focusing distance in vertical direction
- ▶ 74mm diameter ring
- ▶ Mounts to any of our boom stands or articulating arm stands



26800B-518

Product ID	Description
26800B-518	E-Arm Focus Mount

Focus Mount with Tiltable Arbor

- ▶ Coarse & Fine Focus Adjustments
- ▶ Precision Rack & Pinion Mechanism with Tension Control
- ▶ Extends working range
- ▶ Tiltable
- ▶ Increases operator comfort



26800B-521-517

Product ID	Description
26800B-521-517	Focus Mount with Tiltable Arbor
26800B-521-207	Focus Mount/LED Ring Light With Tiltable Arbor

Ring Light Adapter

- ▶ Allows for secure mounting of ring lights to DSZ, NSW and SPZ Series Microscopes
- ▶ Screws onto bottom of microscope body



26800B-460

Product ID	Description
26800B-460	Ring Light Adapter

Protective Lens Cover

- ▶ Allows for secure mounting of ring lights to DSZ, NSW and SPZ Series Microscopes
- ▶ Screws onto bottom of microscope body



26800B-465

Product ID	Description
26800B-465	Protective Lens Cover

Microscope Accessories

Microscope Stands

Single Arm Boom Stand w/Heavy Metal Base

- ▶ Base dimensions: 285mm x 260mm x 18mm (11.22" x 10.23" x 0.71")
- ▶ Vertical post length: 384mm (15.12")
- ▶ Heavy base provides excellent stability
- ▶ Allows positioning of microscopes over a large area
- ▶ Posts are highly polished for smooth operation



26800B-519

Product ID	Description
26800B-519	Single Arm Boom Stand w/Heavy Metal Base
26800B-520	Single Arm Boom Stand W/Heavy Metal Base And Tiltable Arbor

Double Arm Boom Stand w/Heavy Metal Base

- ▶ Base dimensions: 285mm x 260mm x 18mm (11.22" x 10.23" x 0.71")
- ▶ Vertical post length: 384mm (15.12")
- ▶ Heavy base provides excellent stability
- ▶ Allows positioning of microscopes over a large area
- ▶ Posts are highly polished for smooth operation



26800B-534

Product ID	Description
26800B-534	Double Arm Boom Stand w/Heavy Metal Base
26800B-534-EP	10 Inch Extension Post For Double Arm Boom Stand

Note: Single & Double Arm Boom Stands require either a Focus Mount (26800B-517) with tiltable arbor (26800B-521) or E-Arm Focus Mount (26800B-518).

Ultra-Glide Boom Stand w/ Heavy Metal Base

- ▶ Heavy base coupled with ball bearing slide allows for easy positioning of the microscope
- ▶ 13.5" height available with extension post
- ▶ All metal construction
- ▶ Ideal for use when large objects are to be viewed



26800B-556

Product ID	Description
26800B-556	Ultra-Glide Boom Stand w/ Heavy Metal Base

Standard Articulating Arm Stand

- ▶ Allows great flexibility in positioning microscopes
- ▶ Can be moved out of way when not in use
- ▶ All metal construction



26800B-560

Product ID	Description
26800B-560	Standard Articulating Arm Stand

Microscope Track Stand With Overhead and Backlight LED Illumination

- ▶ Built-in overhead and back-light LEDs, no need for an external light source
- ▶ Individual dimmer controls for both LEDs
- ▶ Coarse and fine focus adjustment
- ▶ Smooth focus mount movement
- ▶ Large working distance (throat depth: 280mm)
- ▶ Compact and light weight



26800B-506

Product ID	Description
26800B-506	Track Stand with Overhead and Back-light LED Illumination

Pole Stand with Focus Mount and LED Illumination

- ▶ Base dimensions: 220mm x 284mm x 15mm (8.6" x 11" x 0.6")
- ▶ Vertical post length: 255mm (10")
- ▶ Light weight compact stand
- ▶ Comes with rack & pinion focus mount with course and fine adjustment knobs
- ▶ Built in 60 LED ring light with dimmer control



26800B-512

Product ID	Description
26800B-512	Pole Stand with Focus Mount and LED Illumination

Pole Stand with Focus Mount

- ▶ Base dimensions: 220 x 284 x 15mm (8.66" x 11.18" x 0.59")
- ▶ Vertical post length: 250mm (10")
- ▶ Lightweight compact stand
- ▶ Ideal for examining small parts
- ▶ Saves bench space
- ▶ Includes with rack & pinion focus mount with course and fine adjustment knobs



26800B-511

Product ID	Description
26800B-511	Pole Stand with Focus Mount

Note: Pole stands are not suitable for SPZ Series microscopes with 0.5x lens as the vertical post is not long enough to accommodate the working distance.

Heavy Duty Post Stand w/ Safety Clamp

- ▶ Base dimension: 279mm x 330mm x 12.7mm (10.98" x 13" x 0.5")
- ▶ Vertical post length: 406mm (15.98")
- ▶ Aluminum powder coated base
- ▶ 10 tapped holes for mounting x-y stages
- ▶ UNC bolt and safety clamp included
- ▶ Vertical post will accept focus mount (26800B-517) to which bodies SPZH, SPZ series, DSZ series and NSW series can be mounted



26800B-570

Product ID	Description
26800B-570	Heavy Duty Post Stand with Safety Clamp - 25mm
26800B-571	Heavy Duty Post Stand with Safety Clamp - 32mm

Microscope Accessories

Microscope Eye Pieces

Microscope Eyepiece 10x with 10:100mm Scale

- ▶ 10x magnification power
- ▶ 10:100mm scale reticle
- ▶ Excellent for measurement
- ▶ High eye-point design
- ▶ 20mm super wide field of view



26800B-455

Product ID	Description
26800B-455	Microscope Eyepiece 10x with 10:100mm Scale

Microscope Eyepiece 10x with 5:100mm Scale

- ▶ 10x magnification power
- ▶ 5:100mm scale reticle
- ▶ Excellent for measurement
- ▶ High eye-point design
- ▶ 20mm Super wide field of view



26800B-456

Product ID	Description
26800B-456	Microscope Eyepiece 10x with 5:100mm Scale

Microscope Eyepiece 10x with 20x20 0.5mm Scale

- ▶ 10x magnification power
- ▶ 20x20, 0.5mm squares reticle
- ▶ Excellent for measurement
- ▶ High eye-point design
- ▶ 20mm super wide field of view



26800B-457

Product ID	Description
26800B-457	Microscope Eyepiece 10x with 20x20 0.5mm Scale

Microscope Eyepiece 10x with 10x10 1mm Squares

- ▶ 10x magnification power
- ▶ 10x10, 1mm squares reticle
- ▶ Excellent for measurement
- ▶ High eye-point design
- ▶ 20mm super wide field of view



26800B-458

Product ID	Description
26800B-458	Microscope Eyepiece 10x with 10x10 1mm Squares

Microscope Eyepiece 10x with 10:100mm Scale Cross Hair

- ▶ 10x magnification power
- ▶ 10:100mm scale cross hair reticle
- ▶ Excellent for measurement
- ▶ High eye-point design
- ▶ 20mm super wide field of view



26800B-459

Product ID	Description
26800B-459	Microscope Eyepiece 10x with 10:100mm Scale Cross Hair

DSW-10X Eyepieces - DSZ-44 and NSW series bodies

- ▶ Wide field 10x eyepieces
- ▶ For DSZ-44 and NSW series Microscopes
- ▶ FN 23



26800B-441

Product ID	Description
26800B-441	DSW-10X Eyepieces - DSZ-44 and NSW series bodies

DSW-15X Eyepieces - DSZ and NSW series bodies

- ▶ Wide field 15x eyepieces
- ▶ For DSZ-44, DSZ-70 and NSW microscopes
- ▶ FN 15



26800B-442

Product ID	Description
26800B-442	DSW-15X Eyepieces - DSZ and NSW series bodies

DSW-20X Eyepieces - DSZ and NSW series bodies

- ▶ Wide field 20x eyepieces
- ▶ For DSZ-44, DSZ-70 and NSW microscopes
- ▶ FN 11.4



26800B-443

Product ID	Description
26800B-443	DSW-20X Eyepieces - DSZ and NSW series bodies

DSW-10X Eyepieces - DSZ-70 series bodies

- ▶ Wide field 10x eyepieces
- ▶ For DSZ-70 microscopes
- ▶ FN 20



26800B-445

Product ID	Description
26800B-445	DSW-10X Eyepieces - DSZ-70 series bodies

Microscope Accessories

Microscope Eye Pieces

DHW-10X Eyepieces - SPZ series bodies

- ▶ Wide field 10x eyepieces
- ▶ For SPZ series microscopes
- ▶ FN 23



26800B-448

Product ID	Description
26800B-448	DHW-10X Eyepieces - SPZ series bodies

DHW-15X Eyepieces - SPZ series bodies

- ▶ Wide field 15x eyepieces
- ▶ For SPZ series microscopes
- ▶ FN 15



26800B-449

Product ID	Description
26800B-449	DHW-15X Eyepieces - SPZ series bodies

DHW-20X Eyepieces - SPZ series bodies

- ▶ Wide field 20x eyepieces
- ▶ For SPZ series microscopes
- ▶ FN 11.4



26800B-450

Product ID	Description
26800B-450	DHW-20X Eyepieces - SPZ series bodies

Rubber Eye Guards

- ▶ Adds comfort
- ▶ Manufactured from stretchable rubber material
- ▶ Eliminates stray light
- ▶ Protects eyepieces



26800B-453

Product ID	Description
26800B-452	Rubber Eye Guards - DSW eyepieces
26800B-453	Rubber Eye Guards - DHW eyepieces

Auxiliary Lens 0.5x

- ▶ Reduces magnification of DSZ, NSW, SPZH and SPZ series microscopes
- ▶ Increases working distance and field of view
- ▶ 0.5x lens cannot be used with SPZ series bodies with stand P, PFM, PLED and Stand T and NSW series bodies with Stand T



26800B-461

Product ID	Description
26800B-461	Auxiliary Lens 0.5x

Auxiliary Lens 0.75x

- ▶ Reduces magnification of DSZ, NSW, SPZH and SPZ series microscopes
- ▶ Increases working distance and field of view



26800B-462

Product ID	Description
26800B-462	Auxiliary Lens 0.75x

Auxiliary Lens 1.6x

- ▶ Increases magnification of DSZ, NSW, SPZH and SPZ series microscopes
- ▶ Reduces working distance and field of view



26800B-463

Product ID	Description
26800B-463	Auxiliary Lens 1.6x

Auxiliary Lens 2x

- ▶ Increases magnification of DSZ, NSW, SPZH and SPZ series microscopes
- ▶ Reduces working distance and field of view



26800B-464

Product ID	Description
26800B-464	Auxiliary Lens 2x



Magnifiers

Aven Headband Magnifier with LEDs and Lenses 1x, 1.5x, 2x, 2.5x, 3.5x

- ▶ A customizable solution for hands-free magnification
- ▶ Includes a 5 auxiliary lens kit with storage case
- ▶ A three LED light panel placed at the front of the device provides bright, shadow-free illumination
- ▶ The brightness intensity of the LEDs can be adjusted by pressing the button at the top of the light panel
- ▶ The length of the headband can be adjusted by twisting the headband regulating wheel to the desired length, and locked in place by pressing the wheel in
- ▶ The non-slip inner padding of the headband is designed for operator comfort for the duration of use



26115



Product ID	Description
26115	OptiSight Pro Headband Magnifier with LEDs and Lenses 1x, 1.5x, 2x, 2.5x, 3.5x

Eye Loupe Inspection Goggles with LEDs [6x - 25x]

- ▶ Designed for comfortable up close inspection
- ▶ Set includes 6 pairs of lenses, ranging from 6x - 25x
- ▶ Built in LEDs provide additional illumination when needed
- ▶ Frames can be lengthened/shortened to the required length
- ▶ The lenses can be flipped upwards when not in use, so the operator does not have to remove the goggles
- ▶ The lens barrels can be adjusted horizontally to accommodate the operator's face



26116



Product ID	Description
26116	Eye Loupe Inspection Goggles with LEDs [6x - 25x]

OptiSight Headband Magnifier

- ▶ Visor can be worn comfortably over prescription or safety glasses
- ▶ Durable high-strength plastic
- ▶ Interchangeable lenses 1.75x, 2x, 2.5x
- ▶ Visor design shields out unwanted glare
- ▶ Precision optical grade acrylic prismatic lens.



26224

Product ID	Description
26224	OptiSight Headband Magnifier

OptiVue Headband Magnifier - 4 lenses

- ▶ Provides hands-free magnification
- ▶ Visor tilts up for normal viewing
- ▶ Includes 1.6x, 2.0x 2.5x 3.5x Lens
- ▶ Adjustable headband fits any size



26226

Product ID	Description
26226	OptiVue Headband Magnifier - 4 lenses (1.6x, 2.0x, 2.5x, 3.5x)

Magnifiers

OptiVisor Headband Magnifiers

- ▶ Optical glass prismatic lenses ground and polished to precision optical standards
- ▶ Adjustable pivots allow the visor to be tilted out of the way when not needed and at your fingertips when you need magnification
- ▶ Adjusts to fit all head sizes
- ▶ High impact visor provides a tough, durable, always-new appearance
- ▶ Padded orthopedic felt adds to comfort



26101

Product ID	Description
26101	OptiVisor Headband Magnifier - 1.5x
26102	OptiVisor Headband Magnifier - 1.75x
26103	OptiVisor Headband Magnifier - 2x
26104	OptiVisor Headband Magnifier - 2.5x
26105	OptiVisor Headband Magnifier - 2.75x
26106	OptiVisor Headband Magnifier - 3.5x

OptiVisor Replacement Lenses

- ▶ 1.5x - 3.5x Replacement Lenses
- ▶ Optical glass prismatic lenses ground and polished to precision optical standards
- ▶ Replacement Lens for Optivisor Headband Magnifier



26107

Product ID	Description
26107	Replacement Lens #2 - 1.5x
26108	Replacement Lens #3 - 1.75x
26109	Replacement Lens #4 - 2x
26110	Replacement Lens #5 - 2.5x
26111	Replacement Lens #7 - 2.75x
26112	Replacement Lens #10 - 3.5x

OptiVisor Auxiliary Lens - 2.5x

- ▶ Attaches to the front of Optivisor headband magnifier
- ▶ Mounts on one side of the lens plate to provides an additional 2-1/2X magnification
- ▶ Pivots out of the way when not needed



26113

Product ID	Description
26113	OptiVisor Auxiliary Lens - 2.5x

Hand Held Magnifier 5x/20x with LED Light

- ▶ Illuminated handheld magnifier with 11 total LEDs
- ▶ Ergonomic designed straight handle
- ▶ LEDs provides strong light for clear viewing
- ▶ Magnification: 5x/20x
- ▶ Powered by 3 AAA batteries (not included)
- ▶ Features an ON/OFF switch button



26054

Product ID	Description
26054	Hand Held Magnifier 5x/20x

Hand Held Magnifier 10x/30x with LED Light

- ▶ Illuminated handheld magnifier with 6 LED
- ▶ Ergonomic designed straight handle
- ▶ Focus bulb provides strong light for clear viewing
- ▶ Magnification: 10x/30x
- ▶ Powered by 3 AAA batteries (not included)
- ▶ Features an ON/OFF switch button
- ▶ CE approved, Factory Audit ISO9001:2000



26053

Product ID	Description
26053	Hand Held Magnifier 10x/30x

Wide View Magnifier [2.25x - 4x] w/ UV & White LEDs

- ▶ 5 Diopter (2.25x) high quality glass lens with additional 12 diopter (4x) spot lens
- ▶ Bright white LEDs operating at 6500 Kelvin (White LEDs) and UV LEDs operating at 365nm
- ▶ 18 White LEDs with two intensity levels (4 watt)
- ▶ 26 UV LEDs (8 watt)
- ▶ 36,000+ hours (White LEDs) 30,000+ hours (UV LEDs)
- ▶ 400 mAh Rechargeable Lithium Ion Battery (last 2 hours in UV mode and up to 6 hours in white LED mode) Power adapter included (1A/5V)
- ▶ Device can be used via the power adapter when battery is drained
- ▶ ESD Safe



26060

Product ID	Description
26060	Wide View UV Hand Held Magnifier w/ Ultraviolet & White LEDs



Magnifiers

Swing Out Inspection Loupe 10x

- ▶ Distortion-free, three-piece bonded lens
- ▶ Made from optical glass
- ▶ 10x eye loupe with 1" working distance
- ▶ Gold color finish loupe easily folds up to protect lens
- ▶ Includes leather carrying case



26011

Product ID	Description
26011	Swing Out Inspection Loupe 10x

Swing Out Inspection Loupe 20x

- ▶ Distortion-free, three-piece bonded lens
- ▶ Made from optical glass
- ▶ 20x eye loupe with 1/2" working distance
- ▶ Chrome finish loupe easily folds up to protect lens
- ▶ Includes leather carrying case



26012

Product ID	Description
26012	Swing Out Inspection Loupe 20x

Magnifier 10x

- ▶ Pre-focused dual lenses allow examination of objects close-up
- ▶ Transparent acrylic base permits ambient light to illuminate the object
- ▶ Powerful 10x magnification
- ▶ Ideal for model makers, stamp and coin collectors, and photography



26051

Product ID	Description
26051	Swing Out Inspection Loupe 20x

Pen Type Microscope 25x w/LED Light & Scale

- ▶ Perfect "pen-type" microscope with 25x magnification and includes reticle scale
- ▶ Includes pocket clip and a bright LED light
- ▶ Beveled opening to gather and focus light
- ▶ Provides distortion-free inverted image
- ▶ Ideal for inspection in electronics, medical, printing, and jewelry industries



26800C-552

Product ID	Description
26800C-552	Pen Type Microscope 25x w/LED Light & Scale

Eye Loupe 10x

- ▶ Lightweight & sturdy glass lens magnifier
- ▶ Powerful 10x magnification
- ▶ Excellent for close inspection of small parts
- ▶ Rests comfortably in the eye socket
- ▶ Ideal for use by jewelers, photographers, watchmakers, printers, and quality control inspectors



26034

Product ID	Description
26034	Eye Loupe 10x

Eye Loupe 10x with LED Light

- ▶ Lightweight glass lens magnifier
- ▶ Powerful 10x magnification
- ▶ Excellent for close inspection of small parts
- ▶ Adjustable bright LED light
- ▶ Ideal for use by jewelers, photographers, watchmakers, printers, and quality control inspectors



26034-LED

Product ID	Description
26034-LED	Eye Loupe 10x with LED Light

Pocket Microscope 40x w/ Illumination

- ▶ Perfect carry-with microscope with magnification of 40x
- ▶ Eyepiece has scale with 0.1mm graduation and a measurement range of 4mm
- ▶ Operates on two AA batteries (not included)
- ▶ Useful for engineers, tool makers and quality control inspectors



26800C-534

Product ID	Description
26800C-534	Pocket Microscope 40x w/ Illumination



Magnifying Lamps

Mighty Vue Inspector - Magnifying Lamp w/ Built-in HD Camera



Mighty Vue Inspector - 3 Diopter Magnifying Lamp w/ Built-in Camera

- ▶ Connect to an HD monitor via HDMI cable
- ▶ Connect to a PC via USB (software not included)
- ▶ View/Save Images on a micro SD card
- ▶ Ideal for sharing images on a screen & finding defects in quality control
- ▶ Frosted diffuser on LED lights help evenly distribute light
- ▶ LED color temperature controls
- ▶ Convenient handle to easily reposition lamp
- ▶ Lamp provides up to a 36" (914 mm) reach
- ▶ Attractive design w/ a diamond pattern beveled finish & stainless-steel band



26510-CAM

Mighty Vue Inspector - 5 Diopter ESD Safe Magnifying Lamp w/ Built-in Camera

- ▶ Connect to an HD monitor via HDMI cable
- ▶ Connect to a PC via USB (software not included)
- ▶ View/Save Images on a micro SD card
- ▶ Ideal for sharing images on a screen & finding defects in quality control
- ▶ ESD Safe - Dissipates electrostatic discharge
- ▶ Frosted diffuser on LED lights help evenly distribute light
- ▶ LED color temperature controls
- ▶ Convenient handle to easily reposition lamp
- ▶ Lamp provides up to a 36" (914 mm) reach
- ▶ Attractive design w/ a diamond pattern beveled finish & stainless-steel band



26512-CAM

Product ID	Description
26510-CAM	Mighty Vue Inspector - 3 Diopter Magnifying Lamp w/ Built-in Camera

Product ID	Description
26512-CAM	Mighty Vue Inspector - 5 Diopter ESD Safe Magnifying Lamp w/ Built-in Camera

Magnifying Lamps

Mighty Vue

Mighty Vue Pro Magnifying Lamp With UV LEDs - ESD Safe

- ▶ Features both standard white LEDs and UV LEDs
- ▶ 48 white LEDs, 30 UV LEDs (400nm)
- ▶ 7.5 x 6.2" extra-wide glass lens for crystal-clear viewing
- ▶ 360 swivel lamp head. Inspect from any angle.
- ▶ Touch-sensitive brightness control
- ▶ Built-in handle for easy positioning
- ▶ Adjustment knob locks lamp head and arm in position
- ▶ Adjustable spring balanced arm, free of pinching hazards
- ▶ ESD Safe
- ▶ Includes heavy-duty table clamp and power adapter



26505-ESL-XL5-UV



Product ID	Description
26505-ESL-XL3-UV	Mighty Vue Pro 3 Diopter [1.75x] magnifying lamp with UV and white LEDs - ESD Safe
26505-ESL-XL5-UV	Mighty Vue Pro 5 Diopter [2.25x] magnifying Lamp with UV and white LEDs - ESD Safe

Mighty Vue Pro 5 Diopter Magnifying Lamp with Color Temperature Controls - ESD Safe

- ▶ Large 7" x 6" lens
- ▶ Durable ESD safe plastic housing
- ▶ 36" spring balanced arm stays put in any position
- ▶ Heavy duty ESD safe metal mounting clamp with 63.5mm (2.5") opening
- ▶ Color temperature ranges from 3500K-6500K
- ▶ Features 60 high-powered energy-efficient SMD LEDs (30 per color temperature) that provide shadow-free illumination
- ▶ LEDs are rated for over 20,000 hours of use
- ▶ Features brightness adjustment (max: 1100lm)
- ▶ Unit operates at 115 VAC



26505-ESL-XL5

Product ID	Description
26505-ESL-XL5	Mighty Vue Pro 5 Diopter magnifying Lamp with Color Temperature Controls - ESD Safe

Mighty Vue Pro 3 Diopter Magnifying Lamp with Color Temperature Controls

- ▶ Large 7" x 6" lens, 3 diopter
- ▶ 36" spring balanced arm stays put in any position
- ▶ Heavy duty ESD safe metal mounting clamp with 63.5mm (2.5") opening
- ▶ Color temperature ranges from 3500K-6500K
- ▶ Feature 60 high-powered, energy-efficient SMD LEDs (30 per color temperature) that provide shadow-free illumination
- ▶ LEDs are rated for over 20,000 hours of use
- ▶ Features brightness adjustment (max: 1100lm)
- ▶ Unit operates at 115 VAC



26505-LED-XL3

Product ID	Description
26505-LED-XL3	Mighty Vue Pro 3 Diopter Magnifying Lamp with Color Temperature Controls

Mighty Vue Slim 5 Diopter LED Magnifying Lamp

- ▶ Touch-sensitive brightness controls
- ▶ 34" covered spring balanced arm stays set in any position
- ▶ 6.5" x 4" - 5 Diopter glass lens
- ▶ 60 High intensity energy saving SMD LEDs
- ▶ Cool operating temperature
- ▶ Exceptionally long LED element life (minimum 20,000 hours)
- ▶ Ideal for assembly, workshop or inspection applications
- ▶ Heavy Duty Table Clamp allows for easy attachment to desk and bench tops



26505-MX5

Product ID	Description
26505-MX5	Mighty Vue Slim 5 Diopter [2.25x] LED Magnifying Lamp

Magnifying Lamps

ProVue

ProVue Solas Magnifying Lamps

- ▶ Designed to accommodate multiple lenses
- ▶ Two models available
- ▶ 5" crystal clear glass lens for 360° distortion-free viewing
- ▶ 36" spring balanced arm stays set in any position
- ▶ Heavy duty mounting clamp with 63.5mm (2.5") opening
- ▶ LED models feature 60 high-powered, energy-efficient SMD LEDs that provide shadow-free illumination
- ▶ Adjustable LEDs are rated for over 20,000 hours of use



26501-XL35



Product ID	Description
26501-XL35	ProVue Solas Magnifying Lamp with Interchangeable 5-Diopter Lens (2.25x)
26501-XL58	ProVue Solas Magnifying Lamp with Interchangeable 8-Diopter Lens (3x)
26501-RL3D	ProVue Solas 3 Diopter Replacement Lens (1.75x) for 26501-XL35
26501-RL5D	ProVue Solas 5 Diopter Replacement Lens (2.25x) for 26501-XL35 AND 26501-XL58
26501-RL8D	ProVue Solas 8 Diopter Replacement Lens (3x) for 26501-XL58

ProVue SuperSlim LED Magnifying Lamp with Rolling Stand

- ▶ Same features as Aven 26501-LED
- ▶ Mounted on our heavy duty floor stand with casters



26501-LED-STN

Product ID	Description
26501-LED-STN	ProVue SuperSlim LED Magnifying Lamp with Rolling Stand

ProVue Deluxe LED Magnifying Lamp Dual Color Temp

- ▶ 3500K-6500K color temperature range
- ▶ 5 diopter glass lens
- ▶ 36" friction arm - no springs, no pinch hazards
- ▶ Beautifully constructed aluminum design
- ▶ Built-in brightness control
- ▶ 3 locking joints help lamp stay in place in any position
- ▶ Minimum LED lifetime of 20,000 hours



26501-LFL-LED

Product ID	Description
26501-LFL-LED	ProVue Deluxe LED Magnifying Lamp Dual Color Temp Control

ProVue SuperSlim Magnifying Lamp

- ▶ Available in two configurations: 5-Diopter (2.25x) and 8-Diopter (3x magnification)
- ▶ 5" crystal clear glass lens for 360° distortion-free viewing
- ▶ 36" spring balanced arm stays set in any position
- ▶ Heavy duty mounting clamp with 63.5mm (2.5") opening
- ▶ Fluorescent model features 22 Watt bulb operating at 6400k
- ▶ LED models feature 60 high powered energy efficient SMD LEDs lights that provide shadow free illumination
- ▶ LED lights are rated for over 20,000 hours of use
- ▶ Unit operates at 115 VAC



26501-LED

Product ID	Description
26501-LED	ProVue LED Magnifying Lamp 5 Diopter [2.25x]
26501-LED-8D	ProVue LED Magnifying Lamp 8 Diopter [3x]

OptiVue

OptiVue 5 Diopter LED Magnifying Desk Lamp

- ▶ 11" flexible gooseneck arm
- ▶ 4" 5 diopter glass lens
- ▶ 36 high-intensity energy-saving SMD LEDs



26507-XL5

Product ID	Description
26507-XL5	OptiVue 5 Diopter LED Magnifying Desk Lamp

Magnifying Lamps

In-X - Interchangeable Magnifying Lamp

In-X® Interchangeable Magnifying Lamp with 5 Diopter Lens



- ▶ Interchangeable lenses: no need to keep multiple magnifying lamps on hand
- ▶ Easy lens exchange: no tools required
- ▶ Lamp includes a 5 diopter interchangeable glass lens
- ▶ Capable of a magnification of 2.25x – 4.75x with the optional lenses
- ▶ Fully enclosed spring balanced arm prevents pinching hazards
- ▶ Rotatable lamp head: can be positioned to nearly any angle
- ▶ Ultra-bright LEDs with brightness intensity adjustment



26501-LED-INX

Product ID	Description	Diopter	Magnification
26501-LED-INX	In-X Interchangeable Magnifying Lamp with 5 Diopter Lens [2.25x]	5	2.25x
26501-LED-INX-8D	In-X Magnifying Lamp 8 Diopter [3x] Bundled With A 5 Diopter Lens [2.25x]	8 & 5	3x & 2.25x
26501-LED-INX-12D	In-X Magnifying Lamp 12 Diopter [4x] Bundled With A 5 Diopter Lens [2.25x]	12 & 5	4x & 2.25x
26501-LED-INX-15D	In-X Magnifying Lamp 15 Diopter [4.75x] Bundled With A 5 Diopter Lens [2.25x]	15 & 5	4.75x & 2.25x
26501-INX-RL5D	5 Diopter Interchangeable Lens for In-X Magnifying Lamps	5	2.25x
26501-INX-RL8D	8 Diopter Interchangeable Lens for In-X Magnifying Lamps	8	3x
26501-INX-RL12D	12 Diopter Interchangeable Lens for In-X Magnifying Lamps	12	4x
26501-INX-RL15D	15 Diopter Interchangeable Lens for In-X Magnifying Lamps	15	4.75x

Accessories

Replacement Clamp

for ProVue Deluxe and Mighty Vue Deluxe Magnifying Lamps

- ▶ Replacement table clamp for Aven's ProVue Deluxe and Mighty Vue Deluxe Magnifying Lamps
- ▶ Secures to the side of any work bench (up to 1.5 in width)
- ▶ Heavy duty aluminum construction
- ▶ Includes 4 mounting screws



26501-DSG-CL

Product ID	Description
26501-DSG-CL	Replacement Clamp for ProVue Deluxe & Mighty Vue Deluxe

Replacement Clamp

for Mighty Vue Pro 26505-ESL-XL5

- ▶ Replacement table clamp for Aven's Mighty Vue Pro 26505-ESL-XL5 Magnifying Lamp
- ▶ Effortlessly mounts to a desk or table top



26505-RC-ESD

Product ID	Description
26505-RC-ESD	Replacement Clamp for Mighty Vue Pro 26505-ESL-XL5

Floor Stand Heavy Duty with Castors

- ▶ 5 full swivel castors for easy mobility
- ▶ Designed for durability
- ▶ Easy to clean; no maintenance required
- ▶ Provides full mobility for magnifying lamp applications in beauty salons, the medical field, electronics repair, dental clinics, industrial inspection, scientific research laboratories and even at home
- ▶ Works with ProVue SuperSlim Magnifying Lamps



26509-STN

Product ID	Description
26509-STN	Floor Stand Heavy Duty with Castors

ProVue Replacement Clamp

- ▶ Heavy duty metal mounting clamp with 63.5mm (2.5") opening
- ▶ Mounts easily to desk or table top
- ▶ Fits ProVue Magnifying Lamps



26501-RC

Product ID	Description
26501-RC	ProVue Replacement Clamp

Work Lights & Machine Lights

LED Dual Gooseneck Spotlight Illuminator

- ▶ Ideal external light source for high-magnification inspection systems
- ▶ Provides bright, even lighting
- ▶ Versatile, adjustable illumination at any angle
- ▶ 6500K cool light LED illuminator
- ▶ Add illumination to difficult to reach areas
- ▶ 23-3/8" (568mm/each) long dual gooseneck lights
- ▶ Metal framework intensity control box with light adjustment knobs for each light
- ▶ UV Dual Gooseneck Illuminators sold separately



26200B-221

Product ID	Description
26200B-221	LED Dual Gooseneck Spotlight Illuminator
26200B-221-GNUV	395 NM Ultra Violet Flexible Gooseneck for LED Dual Gooseneck Spotlight Illuminator
26200B-221-GNLED	Replacement Gooseneck for LED Dual Gooseneck Spotlight Illuminator

Sirrus Task Light LED High Intensity Fixed Focus with 500mm Flex Arm and Mounting Clamp

- ▶ 500mm flexible arm stays set in any position to provide direct light where needed
- ▶ High-intensity energy-efficient LED
- ▶ Cool operating temperature
- ▶ Exceptionally long LED element life (minimum 20,000 hours)
- ▶ Ideal for assembly, workshop or office applications



26527

Product ID	Description
26527	Sirrus Task Light LED High Intensity Fixed Focus with 500mm Flex Arm and Mounting Clamp
26527-MB	Sirrus 26527 Magnetic Base

Sirrus Task Light LED w/ Swivel Head, 500mm Flex Arm & Mounting Clamp

- ▶ 500mm flexible arm stays set in any position to provide direct light where needed
- ▶ High-intensity energy-efficient LEDs
- ▶ Cool operating temperature
- ▶ Exceptionally long LED element life (minimum 20,000 hours)
- ▶ Ideal for assembly, workshop or office applications



26526

Product ID	Description
26526	Sirrus Task Light LED w/ Swivel Head 500mm Flex Arm & Mounting Clamp
26520-MB	Sirrus Magnetic Base for Task Lights

Tubular LED Machine Light

- ▶ IP67 Rated
- ▶ Sealed to keep out fluids, chips and shavings
- ▶ Long life LEDs (40,000 hours)
- ▶ Wide Illumination angle
- ▶ Built in Ballast



26600-501

Product ID	Description
26600-501	Tubular LED Machine Light 14 Watt 15in (380mm)
26600-503	Tubular LED Machine Light 20 Watt 22.72 In (577mm)
26600-503G	Tubular LED Machine Light 20 Watt 22.72 In (577mm) w/ Glass Diffuser
26600-505	Tubular LED Machine Light 2 X 14 Watt 26 In (658 mm)
26600-505G	Tubular LED Machine Light 2 X 14 Watt 26 In (658 mm) w/ Glass Diffuser

Sirrus LED Lamp w/ Aluminum Head, 500mm Flex Arm & Mounting Clamp

- ▶ 500mm flexible arm stays set in any position to provide direct light where needed
- ▶ High-intensity energy-saving LEDs
- ▶ Cool operating temperature
- ▶ Exceptionally long LED element life (minimum 20,000 hours)
- ▶ Ideal for assembly, workshop or office applications



26528

Product ID	Description
26528	Sirrus LED Task Lamp w/ Aluminum Head, 500mm Flex Arm & Mounting Clamp
26520-MB	Sirrus Magnetic Base for Task Lights

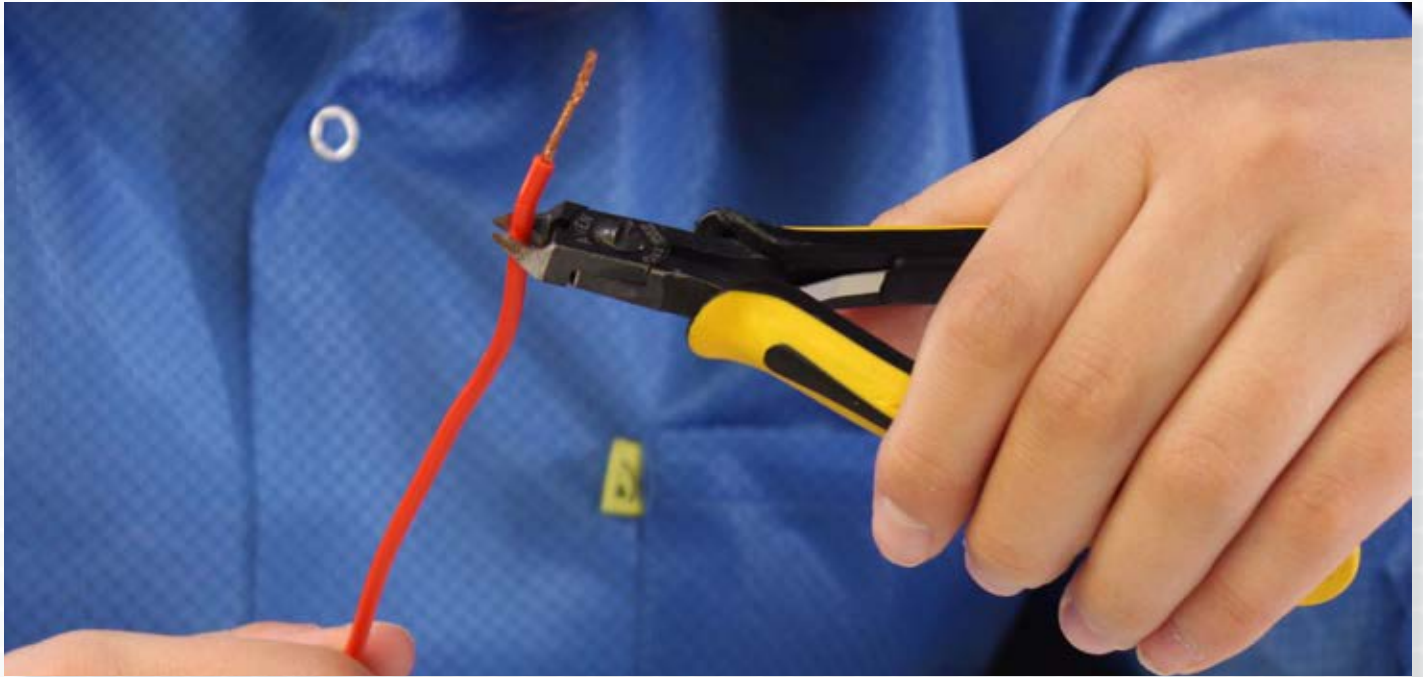
Tubular LED Machine Light

- ▶ 28 watt LED Lights
- ▶ 40,000 hours of life
- ▶ Tempered glass diffuser lens
- ▶ Color Temperature 5600K - 6000K
- ▶ Aluminum body



26600-510

Product ID	Description
26600-510	LED Machine Light 22 In (560mm) 28 Watt



Accu-Cut® Oval Head Cutter

- ▶ This popular shape can be used for many applications
- ▶ ESD safe ergonomic grips
- ▶ Robust oval head designed for durability



10821S

Product ID	Description	Cutting Edge	Capacity
10821S	Accu-Cut® Oval Head Cutter	Semi-Flush	0.2mm-1.25mm
10821F	Accu-Cut® Oval Head Cutter	Flush	0.15-1.25mm

Accu-Cut® Mini Oval Head Cutter

- ▶ Miniature oval head for fine cutting work
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10827F

Product ID	Description	Cutting Edge	Capacity
10827S	Accu-Cut® Mini Oval Head Cutter	Semi-Flush	0.2-1.25mm
10827F	Accu-Cut® Mini Oval Head Cutter	Flush	0.1-0.9mm

Accu-Cut® Oval Relief Head Cutter

- ▶ This popular shape can be used for many applications
- ▶ Relieved head allows easier access in tight confined areas
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10822F

Product ID	Description	Cutting Edge	Capacity
10822S	Accu-Cut® Oval Relief Head Cutter	Semi-Flush	0.2-1.2mm
10822F	Accu-Cut® Oval Relief Head Cutter	Flush	0.15-1.1mm

Accu-Cut® Tapered Head Cutter

- ▶ Pointed head allows for increased access in tight areas
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10825S

Product ID	Description	Cutting Edge	Capacity
10825S	Accu-Cut® Tapered Head Cutter	Semi-Flush	0.2-1.25mm
10825F	Accu-Cut® Tapered Head Cutter	Flush	0.15-1.25mm

Accu-Cut[®]

Premium-Grade Cutters

Accu-Cut[®] Large Oval Head Cutter

- ▶ 25% larger than our standard oval head cutters
- ▶ Larger cutting capacity
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10823S

Product ID	Description	Cutting Edge	Capacity
10823S	Accu-Cut [®] Large Oval Head Cutter	Semi-Flush	0.2-1.5mm
10823F	Accu-Cut [®] Large Oval Head Cutter	Flush	0.15-1.5mm

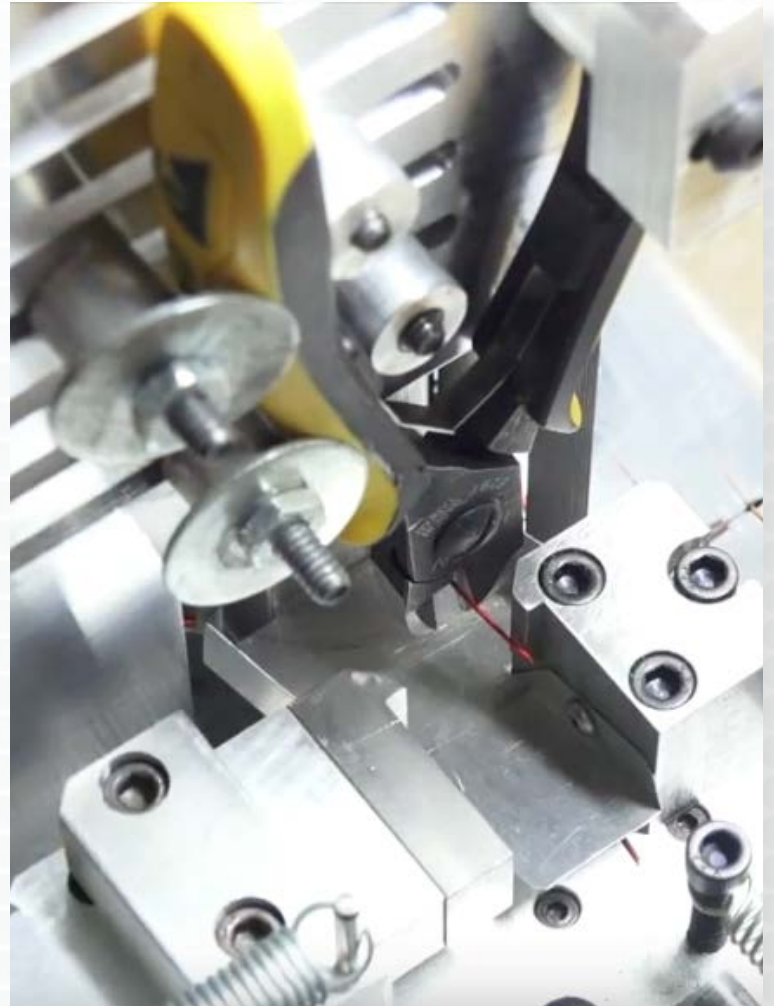
Accu-Cut[®] XL Oval Head Cutter

- ▶ Extra large oval head for cutting heavy duty wire
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10829S

Product ID	Description	Cutting Edge	Capacity
10829S	Accu-Cut [®] XL Oval Head Cutter	Semi-Flush	0.4-2mm



Accu-Cut[®] Tapered Relief Head Cutter

- ▶ Pointed head with relief allows for increased access in tight areas
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10826F

Product ID	Description	Cutting Edge	Capacity
10826S	Accu-Cut [®] Tapered Relief Head Cutter	Semi-Flush	0.2-1.15mm
10826F	Accu-Cut [®] Tapered Relief Head Cutter	Flush	0.1-1.05mm

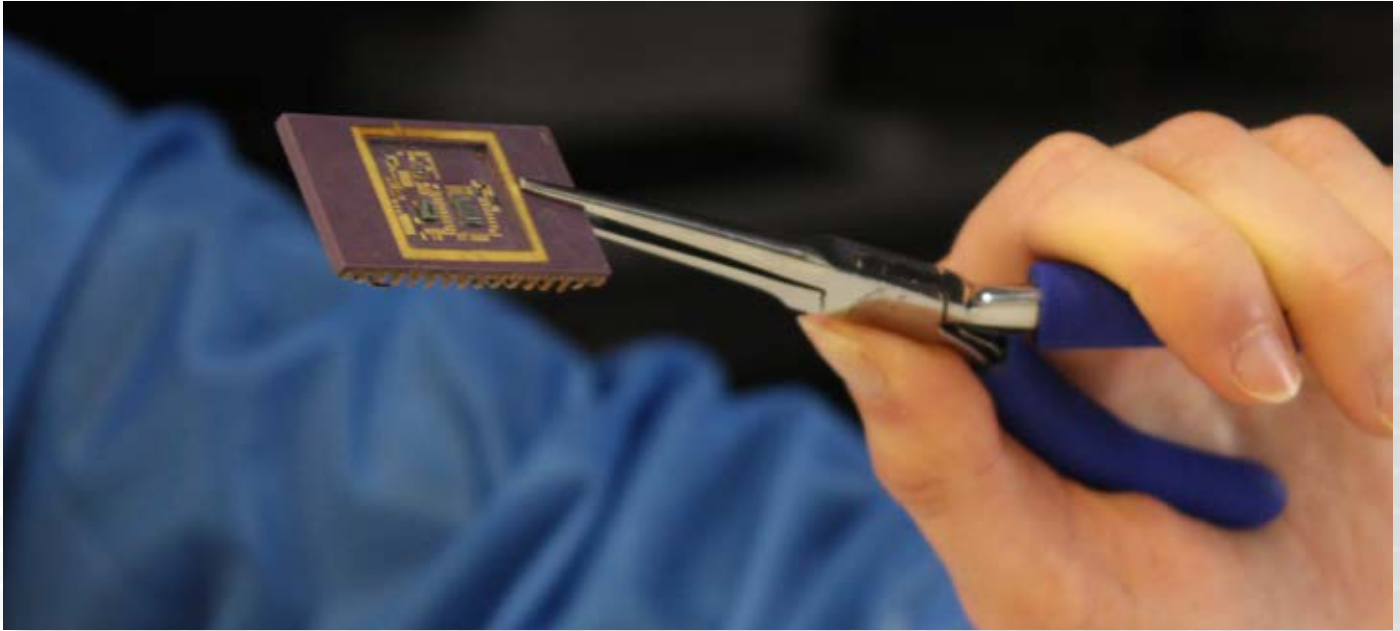
Accu-Cut[®] Mini Tapered Relief Cutter

- ▶ Miniature tapered head with relief for exceptionally fine cutting work
- ▶ ESD safe ergonomic grips
- ▶ Designed to be durable



10828S

Product ID	Description	Cutting Edge	Capacity
10828S	Accu-Cut [®] Mini Tapered Relief Cutter	Semi-Flush	0.2-1.1mm
10828F	Accu-Cut [®] Mini Tapered Relief Cutter	Flush	0.1-1mm



Technik® Oval Head Cutter 144mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10321

Product ID	Description	Cutting Edge	Capacity
10321	Technik® Oval Head Cutter 114mm (4.5")	Semi-Flush	0.2-1.25mm
10323	Technik® Oval Head Cutter 114mm (4.5")	Flush	0.15-1.25mm

Technik® Oblique Head Cutter 144mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability
- ▶ Oblique tip can be used for fine wire cutting



10328

Product ID	Description	Cutting Edge	Capacity
10328	Technik® Oblique Head Cutter 144mm (4.5")	Semi-Flush	0.2-1.25mm

Technik® Tapered Head Cutter 114mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10325

Product ID	Description	Cutting Edge	Capacity
10325	Technik® Tapered Head Cutter 114mm (4.5")	Semi-Flush	0.2-1.25mm
10326	Technik® Tapered Head Cutter 114mm (4.5")	Flush	0.15-1.25mm

Technik® Long Nose Pliers w/ Cutter 120.5mm (4.75in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10315

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10315	Technik® Long Nose Plier w/ Cutter 120.5mm (4.75")	26.4mm	1.8mm	Serrated

NOTE: Product ID's with * included in 10600A Precision Stainless Steel Pliers Set

Technik® Mini Tapered Head Cutter 110mm (4.3in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10331

Product ID	Description	Cutting Edge	Capacity
10331	Technik® Mini Tapered Head Cutter 110mm (4.3")	Flush	0.1-1.25mm

Technik® End Cutter 144mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability
- ▶ Designed to cut close to the surface leaving smooth surface behind



10327

Product ID	Description	Cutting Edge	Capacity
10327	Technik® End Cutter 144mm (4.5")	Semi-Flush	0.2-1.25mm

Technik® Chain Nose Pliers 144mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10301

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10301	Technik® Chain Nose Pliers 114mm (4.5")	23.6mm	1.8mm	Smooth
10307	Technik® Chain Nose Pliers 114mm (4.5")	23.6mm	1.8mm	Serrated

Technik® Chain Nose Pliers 152mm (6in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10333

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10333	Technik® Chain Nose Pliers 152mm (6")	38.8mm	2mm	Serrated

Technik® Chain Nose Pliers 127mm (5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10302

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10302	Technik® Chain Nose Pliers 127mm (5")	26.6mm	1.8mm	Smooth
10308	Technik® Chain Nose Pliers 127mm (5")	26.6mm	1.8mm	Serrated
10311	Technik® Chain Nose Pliers 127mm (5")	37.4mm	1.8mm	Smooth
10311S	Technik® Chain Nose Pliers 127mm (5")	37.4mm	1.8mm	Serrated



Technik® Round Nose Pliers 114mm-127mm (4.5in-5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10305

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10305	Technik® Round Nose Pliers 114mm (4.5")	21.3mm	1.14mm	Smooth
10306	Technik® Round Nose Pliers 127mm (5")	23.6mm	1.14mm	Smooth

Technik® Bent Nose Pliers 114mm (4.5in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10310

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10309	Technik® Bent Nose Pliers 114mm (4.5")	22.8mm	1.5mm	Smooth
10310	Technik® Bent Nose Pliers 114mm (4.5")	22.8mm	1.5mm	Serrated

Technik® Flat Nose Pliers 114mm-152mm (4.5in-6in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10335

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10303*	Technik® Flat Nose Pliers 114mm (4.5")	23.6mm	3.2mm	Smooth
10304	Technik® Flat Nose Pliers 127mm (5")	29.9mm	5.87mm	Smooth
10335	Technik® Flat Nose Pliers 152mm (6")	42mm	5.3mm	Smooth

NOTE: Product ID's with * included in 10600A Precision Stainless Steel Pliers Set

Technik® Bent Nose Pliers 152mm (6in)

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10313

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10313	Technik® Bent Nose Pliers 152mm (6")	40.6mm	2mm	Smooth

Technik® Needle Nose Pliers 146mm (5.75")

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10314

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10314*	Technik® Needle Nose Pliers	49mm	1.5mm	Serrated

Technik® Needle Nose Pliers Curved 152mm (6")

- ▶ Manufactured from 400 series stainless steel
- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD safe cushioned grips
- ▶ Box joint construction provides superior jaw alignment and durability



10953

Product ID	Description	Jaw Length	Tip Width	Jaw Type
10953	Technik® Needle Nose Pliers Curved 152mm (6")	31.2mm	1.3mm	Serrated

Technik® Precision Stainless Steel Pliers Set 6pc

- ▶ Induction hardened jaws
- ▶ Dual leaf springs
- ▶ ESD Safe cushioned grips
- ▶ Manufactured from 400 series stainless steel
- ▶ Box Joint construction provides superior jaw alignment and durability
- ▶ Set includes: Technik Stainless Steel Pliers & Cutters - 10301, 10303, 10314, 10315, 10321, 10327
- ▶ Tools come with a handy leatherette pouch



10600A

Product ID	Description
10600A	Technik® Precision Stainless Steel Pliers 6pc

NIPTEC

Industrial-Grade Cutters



Niptec® TR 5000 Cutter

- ▶ Durable 5mm thick blades
- ▶ Compact ergonomic design
- ▶ Semi-flush cutting edge
- ▶ For use on copper wire up to 12 AWG
- ▶ ESD Safe grips



10501

Product ID	Description	Cutting Edge
10501	Niptec® TR 5000 Cutter	Semi-Flush

Niptec® TR 25-E Cutter

- ▶ For use on copper wire up to 18 AWG
- ▶ Blue non-slip grips make tool comfortable and easy to use
- ▶ Compact ergonomic design
- ▶ Narrow cutting head for access into dense areas



10521EC

Product ID	Description	Cutting Edge
10521EC	Niptec® TR 25-E Cutter	Flush

Niptec® TR 5000PG Cutter

- ▶ Durable 5mm thick blades
- ▶ Compact ergonomic design
- ▶ Semi-flush cutting edge
- ▶ For use on copper wire up to 16 AWG
- ▶ ESD Safe grips



10503

Product ID	Description	Cutting Edge
10503	Niptec® TR 5000PG Cutter	Flush

Niptec® TR 20M Cutter

- ▶ Compact ergonomic design
- ▶ ESD Safe grips make tool comfortable and easy to use
- ▶ For use on copper wire up to 20 AWG
- ▶ Small cutting head angled at 21° for access into tight places



10527B

Product ID	Description	Cutting Edge
10527B	Niptec® TR 20M Cutter	Flush

Niptec® TR 25 Cutter

- ▶ For use on copper wire up to 18 AWG
- ▶ ESD Safe grips
- ▶ Compact ergonomic design
- ▶ Narrow cutting head for access into dense areas



10521

Product ID	Description	Cutting Edge
10521	Niptec® TR 25 Cutter	Flush

Did you know **Aven offers a limited lifetime warranty** on all hand tools? Visit www.AvenTools.com for more information.

Industrial Cutters & Pliers

Flat Nose Serrated Pliers 5" (125mm)

- ▶ Serrated Jaws with V-Slot for holding wire
- ▶ Grip remains consistently parallel along full length of jaw when open or closed
- ▶ Compound lever action with no spring
- ▶ Nickel-plated handles with jaws made of hardened steel



10757

Product ID	Description	Max Opening	Jaw Length
10757	Flat Nose Serrated Pliers 5" (125mm)	10mm	41mm

Flat Nose Pliers w/ Wire Cutters 8"

- ▶ Serrated Jaws with V-Slot for holding wire
- ▶ Grip remains consistently parallel along full length of jaw when open or closed
- ▶ Compound lever action with no spring
- ▶ Cushion-grip handles with jaws made of hardened steel
- ▶ Built-in wire cutter cuts soft wire up to 6mm (0.24")



10764

Product ID	Description	Max Opening	Jaw Length
10764	Flat Nose Pliers w/Wire Cutters 8"	17mm	41mm

Flat Nose Pliers 8"

- ▶ Serrated Jaws with V-Slot for holding wire
- ▶ Grip remains consistently parallel along full length of jaw when open or closed
- ▶ Compound lever action with no spring
- ▶ Nickel-plated handles with jaws made of hardened steel



10756

Product ID	Description	Max Opening	Jaw Length
10756	Flat Nose Pliers 8"	17mm	41mm

Flat Nose Pliers w/ Wire Cutters 5"

- ▶ Serrated Jaws with V-Slot for holding wire
- ▶ Compound lever action with no spring
- ▶ Nickel-plated handles with jaws made of hardened steel
- ▶ Built-in wire cutter cuts soft wire up to 2.5mm (0.1")
- ▶ Grip remains consistently parallel along full length of jaw when open or closed



10761

Product ID	Description	Max Opening	Jaw Length
10761	Flat Nose Pliers 5"	17mm	35mm



Tweezers



Aven offers a wide variety of tweezers to meet a broad range of applications and 2 different quality grades.

In order to choose the best tool for your application:

1. Determine the type of points best suited for your application.
2. Refer to the material guide below and select the correct material for your application.
3. Determine the quality level required for your application if applicable. (Table 1)

Special Coatings (Available on non-magnetic stainless steel only)

TE - Teflon Superior anti-scratch, non-stick material. Acid resistant. 400°F/200°C

EP - Epoxy Good electrical insulation and resistance to chemicals. Anti-glare. 300°F/150°C

* To order tweezers with above mentioned coatings, call Aven for price and delivery time.



Material Selection Guide			
Material	Tip Hardness	Magnetism	Corrosion Resistance
Titanium	Excellent	Never	Excellent
Carbon steel	Excellent	Yes	Low
Stainless Steel	Very Good	Some	Good
Stainless Steel, Anti-magnetic, Anti-acid	Good	None to very little	Excellent, Resists Acids
Titanium Nitride PVD	Very Good	None to very little	Excellent
Carbon Composite	Soft	None	Non-corrosive

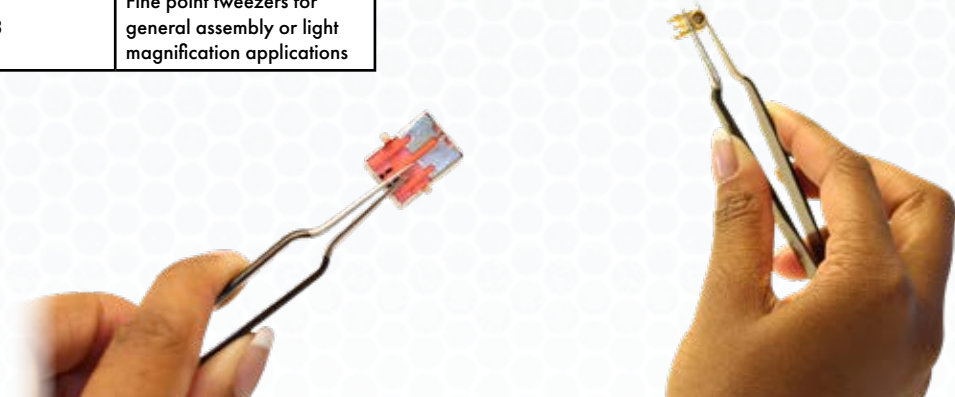


Quality Grades	
<p>Accu-Tek ◆◆◆◆</p>	<p>Made from the finest steels. Perfectly Balanced for a superior feel. Light weight with soft tension with accurately finished points. Recommended for work under high power magnification aerospace and micro electronics and in applications where high precision is required. All Accu-Tek precision tweezers are made from anti-acid, anti-magnetic stainless steel.</p>
<p>Technik ◆◆◆</p>	<p>Finely crafted tweezers. Anti-glare finish to reduce eye strain. Hand finished points for accuracy. Recommended for micro electronics and precision assembly.</p>

Tweezer Styles

Tip Name	Description
AA	For general assembly, very strong and precise tips with fine finish
AC	Sturdy tips for bending and handling very fine wire. Includes finer grips
MM	General Purpose Tweezer
00	Flat edges, heavy duty strong blades tapering to a regular strong point
00C	Flat edges, strong blades tapering to a regular strong point
00D	Flat edges, strong blades tapering to a regular strong point, finger grips
0	Fine Straight Points for handling and positioning of miniature parts or fine wire
0A	Straight Points with radius edges, designed for dense areas
0C	Flat Edges, fine tips and short
SS	Extra long and narrow with extended reach to access confined areas
1	General Use, Strong Blade with Fine Point
2	Tapered sharp point for bending and handling of small wire and parts
2A	Straight Flat Tips. Provides large flat gripping surface
2AB	Curved Flat Tips. Best Flat tips. Tips provide large flat gripping surface
3	Fine point tweezers for general assembly or light magnification applications

Tip Name	Description
3F	Fine point, tips touch over 3mm for holding tiny wires
35A	Wafer handling tweezers
36	Angled broad tip with large paddle style tips
4	Blades taper sharply from body to a fine rounded point, for extra fine work
5	Blades taper sharply from body to a super fine point, for extra fine work
5A	Oblique fine points for greater visibility
5B	Super micro high precision bent tips provide maximum visibility
6	Angled Fine Tips for access to tight areas
65A	Long fine curved tips
66	Long double bent tips
7	Curved super fine points for assembly work
7B	Serrated curved super fine points
15AWG	Cutting tweezers, used for fine wire or hairsprings
3C	Fine point tweezers, slightly shorter than #3



Tweezers



TWEEZER MATERIAL

Titanium:

Excellent for use in the silicon chip industry, as they do not shed particles like the stainless steel. When it is determined that microscopic particles are a detriment when handling abrasive parts we recommend using titanium tweezers. In addition since titanium tweezers are 100% non magnetic, they are extremely useful when working with magnetic materials or when working in a magnetic field. Titanium is lightweight and a high strength material.

Carbofib:

Fully ESD Safe (102 ohm) but at the same time, soft and non scratching. These conductive synthetic fiber tips are ideally suited to handle delicate and fragile components when extreme care and ESD safety are an absolute necessity. Every tweezers is manually finished and tested for maximum precision. Chemical resistant and heat resistant up to 256°C.

Stainless Steel:

Perfectly balanced for a superior feel. Light weight with soft tension with accurately finished points. Recommended for work under high power magnification aerospace and micro electronics and in applications where high precision is required. Stainless steel does show some magnetism.

Stainless Steel W/ Titanium Nitride PVD Infusion:

The attractive blue finish is a result of a Titanium Nitride PVD coating method, giving the tweezers the strength, durability, and scratch & corrosion resistance of titanium. These coatings can reduce friction and provide a barrier against damage. The applications for these coatings are ever expanding. Aerospace, automotive, defense, manufacturing and more where long lasting durability is crucial.

Ceramic:

ESD Safe, non magnetic. Resists all chemicals except hydrofluoric acids. Withstands temperatures up to 900°F. Heat sink fighter.

Plastic:

We offer static dissipative plastic tweezers. Plastic tweezers are non magnetic, resist virtually all commercial solvents. Non absorbent and easy to clean.

Tips are non-marring.



Tweezers

Technik™

- ▶ Stainless Steel
- ▶ Anti-Magnetic & Anti-Acid
- ▶ Precision Assembly
- ▶ Laboratory & Microscopy
- ▶ Anti-Glare Finish to Reduce Eye Strain
- ▶ Hard Finished Points for Accuracy
- ▶ Recommended for Micro Electronics and Precision Assembly



18013USA



18032USA



18049USA



18072USA



18056USA



18062USA



18023USA



18037USA



18069USA



18053USA



18043USA



18046USA



18059USA



18040USA



18029USA



18034USA



18065USA



18066USA



18050USA



18074USA

Tweezers

BLU-TEK

- ▶ Stainless Steel Titanium PVD Infusion Process
- ▶ Corrosion Resistant
- ▶ Aven's Most Precise Tips
- ▶ Laboratory & Microscopy



18027USA



18475USA



18476USA



18872



18862



18851



18865



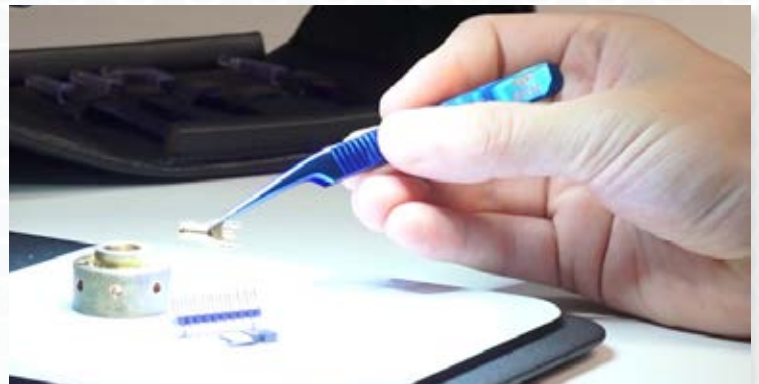
18853



18800BTK

Product ID	Description
18013USA	Technik Tweezers AA-SA
18032USA	Technik Tweezers 00-SA
18049USA	Technik Tweezers 2A-SA
18072USA	Technik Tweezers 7-SA
18056USA	Technik Tweezers 3C-SA
18062USA	Technik Tweezers 5-SA
18023USA	Technik Tweezers MM-SA
18037USA	Technik Tweezers 00D-SA
18069USA	Technik Tweezers 6-SA
18053USA	Technik Tweezers 3-SA
18043USA	Technik Tweezers 1-SA
18046USA	Technik Tweezers 2-SA
18059USA	Technik Tweezers 4-SA
18040USA	Technik Tweezers 5S-SA
18029USA	Technik Tweezers 0C-SA
18034USA	Technik Tweezers 00C-SA
18065USA	Technik Tweezers 5A-SA
18066USA	Technik Tweezers 5B-SA
18050USA	Technik Tweezers 2AB-SA
18074USA	Technik Tweezers 7B-SA
18016USA	Technik Tweezers AC-SA
18027USA	Technik Tweezers 0A-SA
18475USA	Technik 6-Piece Precision Tweezer Set
18476USA	Technik 5-Piece Precision Tweezer Set

Product ID	Description
18872	Blu-Tek Tweezers with Fine Curved Tips Style 7-SS
18851	Blu-Tek Tweezers with Fine Angled Tips Style 51-SS
18853	Blu-Tek Tweezers with Straight Pointed Tips Style 3-SS
18862	Blu-Tek Tweezers with Long Fine Tips Style 5-SS
18865	Blu-Tek Tweezers with Long Angled Tips Style 5A-SS
18800BTK	Blu-Tek Tweezer Kit with Storage Case



Tweezers

Carbofib

- ▶ Polyetheretherketone Reinforced with Carbon Fiber
- ▶ Heat Resistant
- ▶ Chemical Resistant
- ▶ Precision Assembly & Laboratory

E-Z Pik

- ▶ Stainless Steel
- ▶ Color Coated to Easily Identify Tip Pattern
- ▶ Precision Assembly



18702



18704



18762



18768



18769



18013EZ



18032EZ



18072EZ



18049EZ



18056EZ



18062EZ



18480EZ



Product ID	Description
18702	Carbofib 302-CF Tweezers
18704	Carbofib 304-CF Tweezers
18762	Carbofib 5-CF Tweezers
18768	Carbofib 2A-CF Tweezers
18769	Carbofib 7-CF Tweezers

Product ID	Description
18013EZ	E-Z Pik Tweezers AA Yellow
18072EZ	E-Z Pik Tweezers 7 Orange
18056EZ	E-Z Pik Tweezers 3C Light Blue
18032EZ	E-Z Pik Tweezers 00 Red
18049EZ	E-Z Pik Tweezers 2A Black
18062EZ	E-Z Pik Tweezers 5 Green
18480EZ	E-Z Pik 6-Piece Tweezer Set

Tweezers

Titanium

- ▶ ESD Safe
- ▶ Light Weight
- ▶ Non-Magnetic
- ▶ Precision Assembly



18056TT



18072TT



18032TT



18049TT



18062TT



18013TT



18046TT



18037TT



18053TT



18069TT



18043TT



18065TT



18059TT



18480TT



Product ID	Description
18056TT	Aven Titanium Tweezers 3C
18072TT	Aven Titanium Tweezers 7
18032TT	Aven Titanium Tweezers 00
18049TT	Aven Titanium Tweezers 2A
18062TT	Aven Titanium Tweezers 5
18013TT	Aven Titanium Tweezers AA
18046TT	Aven Titanium Tweezers 2

Product ID	Description
18037TT	Aven Titanium Tweezers 00D
18053TT	Aven Titanium Tweezers 3
18069TT	Aven Titanium Tweezers 6
18043TT	Aven Titanium Tweezers 1
18065TT	Aven Titanium Tweezers 5A
18059TT	Aven Titanium Tweezers 4
18480TT	Titanium 6-Piece Precision Tweezer Set

Tweezers

Artis

- ▶ Stainless Steel
- ▶ ESD Safe
- ▶ Angled Bend
- ▶ Reduces Hand Fatigue
- ▶ Laboratory & Microscopy



18072ARS



18040ARS



18049ARS



18056ARS



18062ARS



18023ARS



18032ARS



18043ARS



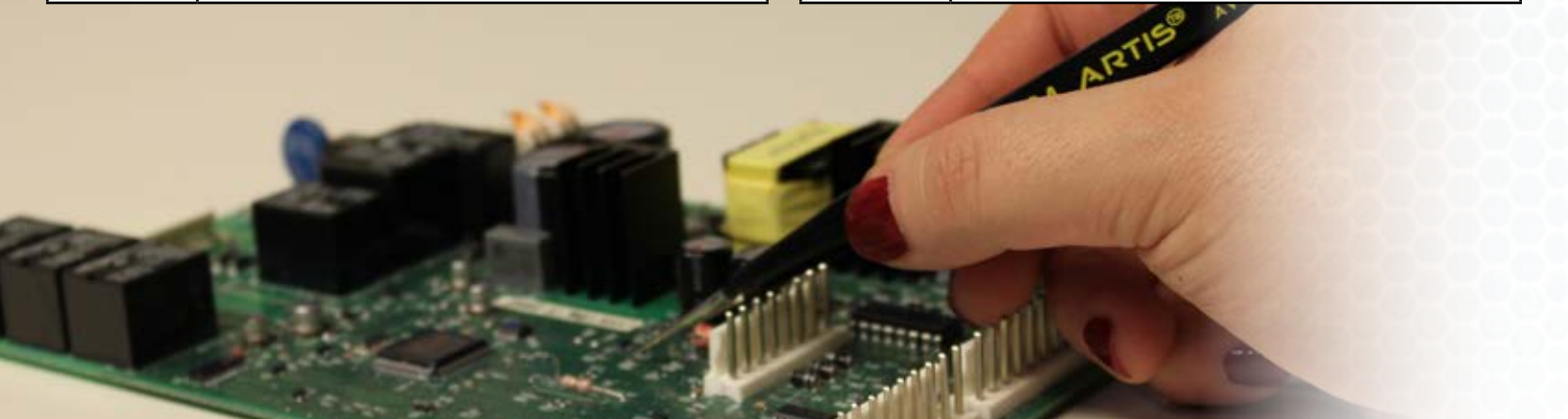
18013ARS



18480ARS

Product ID	Description
18072ARS	Artis Tweezers 7-SA
18062ARS	Artis Tweezers 5-SA
18049ARS	Artis Tweezers 2A-SA
18032ARS	Artis Tweezers 00-SA
18013ARS	Artis Tweezers AA-SA

Product ID	Description
18040ARS	Artis Tweezers SS-SA
18023ARS	Artis Tweezers MM-SA
18056ARS	Artis Tweezers 3C-SA
18043ARS	Artis Tweezers 1-SA
18480ARS	Artis 9-Piece Tweezers Set with Carrying Case



Tweezers

Comfort Grip

- ▶ Stainless Steel with ESD Safe Cushion Grips
- ▶ Reduces Hand Fatigue
- ▶ Precision Assembly



18056-ER



18049-ER



18072-ER



18059-ER



18062-ER



18046-ER



18032-ER

Product ID	Description
18056-ER	Comfort Grip Tweezers 3C-SA
18072-ER	Comfort Grip Tweezers 7-SA
18062-ER	Comfort Grip Tweezers 5-SA
18032-ER	Comfort Grip Tweezers 00-SA
18049-ER	Comfort Grip Tweezers 2A-SA
18059-ER	Comfort Grip Tweezers 4-SA
18046-ER	Comfort Grip Tweezers 2

Ceramic

- ▶ Low thermal conductivity and high thermal shock resistance
- ▶ 100% non magnetic, non rusting and non static
- ▶ Highly resistant to all strong acids except hydrofluoric
- ▶ Solder will not adhere to surface
- ▶ Will hold tip geometry better than metal
- ▶ Swiss made stainless steel handles



18814



18812

Product ID	Description
18814	Ceramic Tweezers Pattern 7MZ
18812	Ceramic Tweezers Pattern 73

Cutting

- ▶ Carbon Steel
- ▶ Designed to Cut Soft Metal Wires
- ▶ Induction Hardened for Durability
- ▶ Anti-Magnetic
- ▶ Anti-Acid



18114CS

Product ID	Description
18114CS	Accu-Tek Cutting Tweezers 15AWG Carbon Steel

Tweezers

General Purpose Tweezers

Aven Fiber Grip Tweezers

- ▶ Polished stainless steel tips firmly hold without contaminating
- ▶ Heat-resistant fiber grips protect your hands from heat while soldering
- ▶ Ideal for soldering, bending, separating and removing small items
- ▶ Cross-lock mechanism opens when pressed



18415

Product ID	Description
18415	Aven Fiber Grip Tweezers - Straight
18417	Aven Fiber Grip Tweezers - Curved 35° angle

Aven Self Locking Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Cross-lock mechanism opens when pressed and closes when released

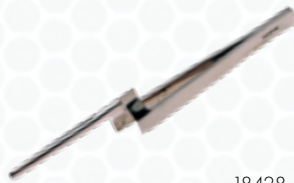


18419

Product ID	Description
18419	Aven Self Locking Tweezers - Narrow
18421	Aven Self Locking Tweezers - Wide
18423	Aven Self Locking Tweezers - Narrow Short

Aven Cross Locking Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for soldering and holding small parts



18428

Product ID	Description
18428	Aven Cross Locking Tweezers

Aven College Forceps w/Lock

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Curved tip is helpful when working in confined spaces



18400

Product ID	Description	Bend °
18400	Aven College Forceps w/Lock	40°

Aven College Forceps w/ Alignment Pin

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Alignment pin keeps tips aligned under high stress applications
- ▶ Inside and outside serrations provide better gripping and handling



18402

Product ID	Description	Tip Style	Bend °
18401	Aven College Forceps w/Alignment Pin	Straight, Serrated	N/A
18402	Aven College Forceps w/Alignment Pin	Curved, Serrated	35°
18403	Aven College Forceps w/Alignment Pin	Offset Curved, Serrated	35°
18438	Aven College Forceps w/Alignment Pin	Curved, Serrated	35°

Aven Forceps w/Plastic Coated Tips

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Plastic coated tips provide chemical resistance
- ▶ Serrated handles provide better gripping



18430

Product ID	Description
18430	Aven 8" Forceps w/Plastic Coated Tips
18431	Aven 12" Forceps w/Plastic Coated Tips

Aven Forceps w/Straight Serrated Tips

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Long, straight tip is helpful when working in confined spaces
- ▶ Serrated handles provide better gripping



18436

Product ID	Description
18432	Aven 12" Forceps w/Straight Serrated Tips
18433	Aven 10" Forceps w/Straight Serrated Tips
18434	Aven 8" Forceps w/Straight Serrated Tips
18435	Aven 6" Forceps w/Straight Serrated Tips
18436	Aven 5" Forceps w/Straight Serrated Tips

Tweezers

Aven Utility Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Serrated handles provide better gripping



18425

Product ID	Description	Tip Style	Bend °
18425	Aven 7" Utility Tweezers - Curved	Curved, Serrated	30°
18426	Aven 7" Utility Tweezers - Straight	Straight, Serrated	N/A

Aven 4 3/8" General Purpose Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Serrated handles provide better gripping



18481

Product ID	Description	Tip Style	Bend °
18481	Aven 4 3/8" Curved Tweezers	Curved, Serrated	20°
18482	Aven 4 3/8" Tapered Tweezers	Tapered, Smooth	N/A

Aven Blunt Tip Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Serrated handles provide better gripping
- ▶ Blunt tips are useful for handling larger items



18486

Product ID	Description	Tip Style
18486	Aven 3 1/8" Blunt Tweezers	Blunt, Smooth
18490	Aven 5 15/16" Blunt Tweezers	Blunt, Serrated
18492	Aven 10" Blunt Tweezers	Blunt, Serrated, Curved 30°

Aven 3" Sharp Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Medium-sharp, serrated tip is helpful when working in confined spaces
- ▶ Serrated handles provide better gripping



18483

Product ID	Description	Tip Style
18483	Aven 3" Sharp Tweezers	Medium Sharp, Serrated

Aven 4 3/8" Spade Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Spade tip is helpful when working in confined spaces
- ▶ Serrated handles provide better gripping



18487

Product ID	Description	Tip Style
18487	Aven 4 3/8" Spade Tweezers	Spade

Aven General Purpose Flat Tip Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items



18484

18485

18489

Product ID	Description	Tip Style
18484	Aven 3 1/8" Tweezers	Sharp-Flat
18485	Aven 3 1/2" Tweezers	Sharp-Flat
18489	Aven 4 3/4" Smooth Tweezers	Sharp-Flat

Aven Offset Spade Tweezers

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Spade tip is helpful when working in confined spaces
- ▶ Serrated handles provide better gripping



18488

Product ID	Description	Tip Style
18488	Aven 4 1/8" Offset Spade Tweezers	Spade
18491	Aven 4 1/2" Offset Spade Tweezers	Spade, Curved 35°

Aven Toothed Tissue Forceps

- ▶ Stainless steel finish provides excellent corrosion resistance
- ▶ Ideal for bending, separating and removing small items
- ▶ Toothed models are ideal for handling the various thicknesses of tissues



18494

Product ID	Description	Tip Style
18494	Aven Toothed Tissue Forceps	Toothed

Screwdrivers

Ceramic Alignment Screwdrivers

- ▶ Anti-static, non-magnetic, non-inductive heat-resistant ceramic tips
- ▶ Heat resistant up to 1292°F (700°C)
- ▶ Blades made from Zirconia ceramic
- ▶ Outlasts metal or plastic tip tools
- ▶ No eddy current loss in high frequency



13225

Product ID	Description	Blade	Size
13220	Ceramic Alignment Screwdriver	Phillips	PH1.7
13221	Ceramic Alignment Screwdriver	Slotted	1.3 mm
13222	Ceramic Alignment Screwdriver	Slotted	2.6mm
13224	Ceramic Alignment Screwdriver	Slotted	0.9mm
13225	Ceramic Alignment Screwdriver	Slotted	1.8mm
13230	Ceramic Alignment Screwdriver 4-in-1	Phillips & Slotted	Phillips 0 & 1.7 Slotted 1.8 & 0.9mm

Ceramic Alignment Screwdriver - 6 Piece Set

- ▶ Anti-static, non-magnetic, non-inductive heat-resistant ceramic tips
- ▶ Heat resistant up to 1292°F (700°C)
- ▶ Blades made from Zirconia ceramic
- ▶ Outlasts metal or plastic tip tools
- ▶ No eddy current loss in high frequency



13231

Product ID	Description
13231	Ceramic Alignment Screwdriver - 6-Piece Set

9-Piece Anti-Static Alignment Tool Kit

- ▶ Anti-static
- ▶ Designed for adjusting and aligning conventional components
- ▶ Includes 9 popular alignment tools



13016

Product ID	Description
13016	9-Piece Anti-Static Alignment Tool Kit

Precision Screwdrivers - 8-Piece Set

- ▶ Ergonomically designed handle with swivel head cap for precise control and comfort
- ▶ Two component handle provides soft touch and non slip surface and is oil and solvent resistant
- ▶ Blade made from high grade alloy steel
- ▶ Supplied in a handy plastic case for secure storage



13715

Product ID	Description
13715	Precision Screwdrivers - 8-Piece Set

Precision Screwdrivers - 7-Piece Set

- ▶ Chrome Vanadium steel with satin finish and black tips
- ▶ Duplex Component handle is designed for rapid rotation and control
- ▶ Fast turning swivel caps
- ▶ Imprinted sizes on handle for easy selection
- ▶ 50mm Blade Length



13940

Product ID	Description
13940	Precision Screwdrivers - 7-Piece Set

Aven Precision Screwdrivers

- ▶ Precisely machined hardened black tips for durability and exact fit
- ▶ Screwdriver blades manufactured from chrome-molybdenum steel for extra strength
- ▶ Ergonomically designed bi-component handle with swivel cap for extra comfort and grip



13901

Product ID	Description	Blade	Size	Tip Length	Length
13901	Precision Screwdriver	Slotted	1.6mm	50mm	150mm
13902	Precision Screwdriver	Slotted	2.0mm	50mm	150mm
13903	Precision Screwdriver	Slotted	2.4mm	50mm	150mm
13904	Precision Screwdriver	Slotted	3.0mm	50mm	150mm
13906	Precision Screwdriver	Slotted	3.0mm	100mm	200mm
13910	Precision Screwdriver	Phillips	No. 000	50mm	150mm
13911	Precision Screwdriver	Phillips	No. 00	50mm	150mm
13913	Precision Screwdriver	Phillips	No. 1	50mm	150mm
13915	Precision Screwdriver	Phillips	No. 1	100mm	200mm
13923	Precision Screwdriver	Torx	T8	50mm	150mm
13930	Precision Nutdriver	-	M3.0	72mm	172mm
13932	Precision Nutdriver	-	M4.0	72mm	172mm
13933	Precision Nutdriver	-	M4.5	72mm	172mm

Stainless Steel Hand Tools

Adjustable Wrench - Stainless Steel

- ▶ Manufactured from 304 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Handle hole for tethering, hanging or storage
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit



ST8115-1004

Product ID	Description
ST8115-1004	Adjustable Wrench 6" Stainless Steel
ST8115-1006	Adjustable Wrench 8" Stainless Steel
ST8115-1008	Adjustable Wrench 10" Stainless Steel
ST8115-1010	Adjustable Wrench 12" Stainless Steel

Adjustable Wrench - Stainless Steel w/ PVC Grip

- ▶ Manufactured from 304 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Handle hole for tethering, hanging or storage



ST8115-1008G

Product ID	Description
ST8115-1004G	Adjustable Wrench Stainless Steel 6" w/ PVC Grip
ST8115-1006G	Adjustable Wrench Stainless Steel 8" w/ PVC Grip
ST8115-1008G	Adjustable Wrench Stainless Steel 10" w/ PVC Grip
ST8115-1010G	Adjustable Wrench Stainless Steel 12" w/ PVC Grip

Adjustable Wrench - Stainless Steel w/ PVC Grip

- ▶ Manufactured from 304 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Handle hole for tethering, hanging or storage



ST8115-1014G

Product ID	Description
ST8115-1016G	Adjustable Wrench Stainless Steel 23" w/ PVC Grip
ST8115-1014G	Adjustable Wrench Stainless Steel 17" w/ PVC Grip
ST8115-1012G	Adjustable Wrench Stainless Steel 14" w/ PVC Grip
ST8115-1002G	Adjustable Wrench Stainless Steel 4" w/ PVC Grip

Combination Wrenches - Stainless Steel 6-Piece Set

- ▶ Made from 304 series stainless steel
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit
- ▶ Rust resistant, can help eliminate risk of ferrous contamination
- ▶ Includes handy roll up plastic pouch



21187-105

Product ID	Description
21187-105	Combination Wrenches Stainless Steel 6-Piece Set

Combination Wrench - Stainless Steel

- ▶ Manufactured from 304 series stainless steel
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit
- ▶ Rust resistant, can help eliminate risk of ferrous contamination



21187-0516

Product ID	Description
21187-0516	Combination Wrench Stainless Steel 5/16"
21187-0308	Combination Wrench Stainless Steel 3/8"
21187-0716	Combination Wrench Stainless Steel 7/16"
21187-0102	Combination Wrench Stainless Steel 1/2"
21187-0916	Combination Wrench Stainless Steel 9/16"
21187-0508	Combination Wrench Stainless Steel 5/8"

Diagonal Cutter - Stainless Steel 6"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Oval head designed for greater access in confined spaces
- ▶ Beveled cutting edge is hardened for long lasting performance
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit



10355

Product ID	Description
10355	Diagonal Cutter - Stainless Steel 6"

Diagonal Cutter w/ Comfort Grip Handles 6"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Oval head designed for greater access in confined spaces
- ▶ Beveled cutting edge is hardened for long lasting performance
- ▶ Ergonomically designed grips for extra comfort



10355-ER

Product ID	Description
10355-ER	Diagonal Cutter w/ Comfort Grip Handles 6"

Diagonal Cutter "High Leverage" Stainless Steel 7"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Provides more cutting power than general purpose pliers
- ▶ Beveled cutting edge is hardened for long lasting performance
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit



10356

Product ID	Description
10356	Diagonal Cutter "High Leverage" Stainless Steel 7"

Stainless Steel Hand Tools

Groove Joint Pliers Stainless Steel 9.5"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Slip-resistant tongue and groove design used for grasping and turning
- ▶ Serrated jaws with four adjustable positions
- ▶ Can be autoclaved to temperatures up to 250-degrees Fahrenheit



10365

Product ID	Description
10365	Groove Joint Pliers Stainless Steel 9.5"

Combination Pliers Stainless Steel 8"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Tapered head design allows for greater access in confined spaces
- ▶ Designed for gripping and turning round objects such as pipes, rods and pins
- ▶ Serrated jaws with machined gripping teeth and wire cutter



10351

Product ID	Description
10351	Combination Pliers Stainless Steel 8"

Combination Pliers w/ Plastic Grips 8"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Tapered head design allows for greater access in confined spaces
- ▶ Designed for gripping and turning round objects such as pipes, rods and pins
- ▶ Serrated jaws with machined gripping teeth and wire cutter



10351-P

Product ID	Description
10351-P	Combination Pliers w/ Plastic Grips 8"

Long Nose Pliers Stainless Steel 6"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Tapered head design allows for greater access in confined spaces
- ▶ Designed for gripping and turning round objects such as pipes, rods and pins
- ▶ Serrated jaws with machined gripping teeth and wire cutter



10360

Product ID	Description
10360	Long Nose Pliers Stainless Steel 6"

Long Nose Pliers w/ Comfort Grip Handles 6"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ Length and slim design are ideal for tight spaces
- ▶ Ergonomically designed grips for extra comfort



10360-ER

Product ID	Description
10360-ER	Long Nose Pliers w/ Comfort Grip Stainless Steel 6"

Pliers Set Stainless Steel

- ▶ Mirror polished stainless steel provides excellent corrosion resistance
- ▶ Packaged in a leatherette roll-up pouch
- ▶ Set includes: 6" long-nose pliers, 6" slip-joint pliers, 6" wire-cutting pliers, 9-1/2" groove-joint pliers with flat jaws, and an 8" combination plier



10381

Product ID	Description
10381	Pliers Set Stainless Steel

Slip Joint Pliers Stainless Steel 6.5"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ All purpose pliers with serrated jaws, built-in wire cutter and pipe grip



10370

Product ID	Description
10370	Slip Joint Pliers Stainless Steel 6.5"

Stainless Steel Hand Tools

Slip Joint Pliers w/ Plastic Grips 6.5"

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent rust resistance
- ▶ All purpose pliers with serrated jaws, built-in wire cutter and pipe grip
- ▶ Plastic grips provide extra comfort



10370-P

Product ID	Description
10370-P	Slip Joint Pliers w/ Plastic Grips 6.5"

Locking Pliers Stainless Steel 9"

- ▶ Body and springs made from 304 non-magnetic stainless steel
- ▶ Jaws are made from 420-series stainless steel
- ▶ Fully polished to provide excellent rust resistance
- ▶ Smooth gliding locking mechanism enables easy one-handed operation
- ▶ Trigger release handles and easy turning pressure adjusting screw



10376

Product ID	Description
10376	Locking Pliers Stainless Steel 9"

Locking Pliers Stainless Steel 7"

- ▶ Body and springs made from 304 non-magnetic stainless steel
- ▶ Jaws are made from 420-series stainless steel
- ▶ Fully polished to provide excellent rust resistance
- ▶ Smooth gliding locking mechanism enables easy one-handed operation
- ▶ Trigger release handles and easy turning pressure adjusting screw



10375

Product ID	Description
10375	Locking Pliers Stainless Steel 7"

Locking Pliers, Long Nose, Stainless Steel 6"

- ▶ Fully polished stainless steel provides excellent corrosion resistance
- ▶ Smooth gliding locking mechanism enables easy one-handed operation
- ▶ Long thin nose is ideal for accessing tight spaces
- ▶ Trigger release handles and easy turning pressure adjusting screw



10377

Product ID	Description
10377	Locking Pliers, Long Nose, Stainless Steel 6"



Crimping Tools & Dies

Crimping Tool Frame

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ Frame for all Aven Replacement Crimping Tool Dies
- ▶ Exchange crimp dies by hand, no tools required
- ▶ Replacement Dies sold separately



10195

Product ID	Description
10195	Crimping Tool Frame

Crimping Tool for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules 22-18/16-14/12-10/8 AWG
- ▶ Exchange crimp dies by hand, no tools required



10190

Product ID	Description	Jaw	AWG	DIN
10190	Crimping Tool for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG	A1	22-18/16-14/12-10/8	0.5-1.0/1.5-2.5/4-6/10 mm

Crimping Tool for Wire Ferrules AWG 4 & 2 (25 & 35mm²)

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules AWG 4 & 2
- ▶ Exchange crimp dies by hand, no tools required



10187

Product ID	Description	Jaw	AWG	DIN
10187	Crimping Tool for Wire Ferrules AWG 4 & 2	F1	4 & 2 (25 & 35mm ²)	25/35 MM ²

Crimping Tool for Wire Ferrules 12-22 AWG

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules 12-22AWG
- ▶ Exchange crimp dies by hand, no tools required



10178

Product ID	Description	Jaw	AWG	DIN
10178	Crimping Tool for Wire Ferrules 12-22AWG	D	22/20/18/16/14/12	0.5, 0.75, 1.0, 1.5, 2.5, 4.0 MM ²

Crimping Tool for Miniature Insulated Terminals 26-22/24-18/22-16 AWG

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules 26-22/24-18/22-16 AWG
- ▶ Exchange crimp dies by hand, no tools required



10189

Product ID	Description	Jaw	AWG	DIN
10189	Crimping Tool for Miniature Insulated Terminals 26-22/24-18/22-16 AWG	A3	26-22/24-18/22-16	0.1-0.5/0.25-1.0/0.5-1.5 MM ²

Crimping Tool for Insulated Terminals 22-18/16-14/12-10 AWG

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules 22-18/16-14/12-10 AWG
- ▶ Exchange crimp dies by hand, no tools required



10188

Product ID	Description	Jaw	AWG	DIN
10188	Crimping Tool for Wire Ferrules 22-18/16-14/12-10AWG	A	22-18/6-14/12-10	0.5-1.0/1.5-2.5/4-6 MM ²

Crimping Tool for Wire Ferrules 6-10 AWG

- ▶ Aven's professional-grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps
- ▶ For wire ferrules 6-10AWG
- ▶ Exchange crimp dies by hand, no tools required



10179

Product ID	Description	Jaw	AWG	DIN
10179	Crimping Tool for Wire Ferrules 6-10AWG	F	10/8/6	6/10/16 MM ²



Crimping Tools & Dies

Crimping Die F

AWG: 10/8/6, DIN: 6/10/16 MM2
22/20/18/16/14/12 AWG



Product ID	Description	Jaw	AWG	DIN
10179DS	Crimping Die F AWG: 10/8/6, DIN: 6/10/16 MM2	F	10/8/6	6/10/16 MM2

Crimping Die A3

for Miniature Insulated Terminals
26-22/24-18/22-16 AWG



Product ID	Description	Jaw	AWG	DIN
10189D	Crimping Die A3 for Miniature Insulated Terminals 26-22/24-18/22-16 AWG	A3	26-22/24-18/22-16	0.1-0.5/0.25-1/0.5-1.5mm2

Crimping Die F1

For Insulated Cord Terminals 4/2



Product ID	Description	Jaw	AWG	DIN
10187D	Crimping Die F1, for Insulated Cord Terminals 4/2	F1	4 & 2	25/35 MM2

Crimping Die D for Cord End Terminals

22/20/18/16/14/12 AWG



Product ID	Description	Jaw	AWG	DIN
10178DS	Crimping Die D for Cord End Terminals 22/20/18/16/14/12 AWG	D	22/20/18/16/14/12	0.5, 0.75, 1.0, 1.5, 2.5, 4.0 MM2

Crimping Die A

For Insulated End Terminals 22-18/16-14/12-10 AWG



Product ID	Description	Jaw	AWG
10188D	Crimping Die A for Insulated End Terminals 22-18/16-14/12-10 AWG	A	22-18/16-14/12-10

Crimping Die A1

for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG



Product ID	Description	Jaw	AWG
10190D	Crimping Die A1 for Heat Shrink Terminals 22-18/16-14/12-10/8 AWG	A1	22-18/16-14/12-10/8

Crimping Kits

Aven's professional grade crimping tool has a smooth and efficient ratcheting mechanism that creates uniform and secure crimps. Ideal for professional electricians and DIY enthusiasts. Tool and dies are made from alloy steel for durability. These kits feature quick-change dies that are easy to exchange with no tools required.



6 Piece Crimping Tool Set

- ▶ Aven's professional grade crimping tool is designed to crimp a variety of ferrules and terminals.
- ▶ Kit includes 5 dies and a hard plastic case
- ▶ Patented design allows for quick die change without any tools
- ▶ Ferrules and terminals are crimped by squeezing the handle through the complete cycle until the handle releases automatically.
- ▶ Precise ratcheting mechanism will ensure the same amount of crimping force for all crimps.



155 Piece Crimping Tool Set

- ▶ Aven's professional grade crimping tool is designed to crimp a variety of ferrules and terminals.
- ▶ Kit includes 5 dies for various wire crimping needs
- ▶ Includes 148pc wire connector set (see Specs)
- ▶ Patented design allows for quick die change without any tools
- ▶ Ferrules and terminals are crimped by squeezing the handle through the complete cycle until the handle releases automatically.
- ▶ Precise ratcheting mechanism will ensure the same amount of crimping force for all crimps.

Product ID	Description
10170-KIT	6 Piece Crimping Tool Set Includes Crimping Dies: D, F, F1, A3, A
10171-KIT	155 Piece Deluxe Crimping Tool Kit with Frame, 5 Dies, Wire Stripper, and 148 pc Connector Set Includes Crimping Dies: D, F, F1, A3, A

Stripping Tools

Professional Automatic Wire Stripper 10105A Range: 24 - 12 AWG

- ▶ Quick and easy wire stripping
- ▶ Professional-quality tool for fast & consistent wire stripping
- ▶ Easy to use - simply insert wire and squeeze handle
- ▶ Non-slip grips, steel mechanism
- ▶ Spring mechanism automatically holds wire, cuts & strips insulation clean leaving bare wire



10105A

Professional Automatic Wire Stripper 10105B Range: 18 - 8 AWG

- ▶ Quick and easy wire stripping
- ▶ Professional-quality tool for fast & consistent wire stripping
- ▶ Easy to use - simply insert wire and squeeze handle
- ▶ Non-slip grips, steel mechanism
- ▶ Spring mechanism automatically holds wire, cuts & strips insulation clean leaving bare wire



10105B

Product ID	Description
10105A	Wire Stripper 12-12 AWG

Product ID	Description
10105B	Wire Stripper 18-8 AWG

Professional Automatic Wire Stripper 10105C Range: 17 - 10 AWG

- ▶ Quick and easy wire stripping
- ▶ Professional-quality tool for fast & consistent wire stripping
- ▶ Easy to use - simply insert wire and squeeze handle
- ▶ Non-slip grips, steel mechanism
- ▶ Spring mechanism automatically holds wire, cuts & strips insulation clean leaving bare wire



10105C

Professional Automatic Wire Stripper 10105D Range: 16 - 8 AWG

- ▶ Quick and easy wire stripping
- ▶ Professional-quality tool for fast & consistent wire stripping
- ▶ Easy to use - simply insert wire and squeeze handle
- ▶ Non-slip grips, steel mechanism
- ▶ Spring mechanism automatically holds wire, cuts & strips insulation clean leaving bare wire



10105D

Product ID	Description
10105C	Wire Stripper 17-10 AWG

Product ID	Description
10105D	Wire Stripper 16-8 AWG



Electrician Scissors & Blades

Multi-Purpose Electrician Scissors Kit with Electrician Scissors and Cable Stripping Blade



11010

Electrician Scissors with Wire Stripping Slots & Plastic Grips



11013

Multi-Purpose Electrician Scissors

- ▶ These 2" scissor blades are made from high tensile stainless steel, providing excellent strength and performance
- ▶ Designed for cutting/stripping soft cable and wires
- ▶ Light, strong and comfortable handles are made from impact-resistant plastic

Cable Stripping Blade

- ▶ The 2" blade is made from stainless steel and is designed for stripping wires and cables
- ▶ Features a protective blade cover, which includes a groove to aid in stripping cables
- ▶ Designed to work with cables with an external diameter of 3.0mm - 30.0mm

Electrician Scissors with Wire Stripping Slots & Plastic Grips

- ▶ 2" stainless steel Blade designed for stripping wires and cables
- ▶ Hardened stainless steel blades for durability and rust free operation
- ▶ Features a protective blade cover, includes groove to aid in stripping cables
- ▶ Has two notches for stripping 19 AWG and 23 AWG copper wires
- ▶ Designed to work with cables with an external diameter of 3.0mm - 30.0mm
- ▶ Built in scraper for shaving thin cables
- ▶ Ergonomic comfort grips

Product ID	Description
11010	Multipurpose Electrician Scissors Kit W/ Scissors and Knife
11015	Electrician Cable Stripping Knife W/ Blade Protector
11011	Multipurpose Electrician Scissors W/ Wire Stripper

Product ID	Description
11013	Electrician Scissors W/ Wire Stripping Slots & Plastic Grips



Scissors & Hemostats

5" Electrician Scissor

- ▶ Fully polished stainless steel provides excellent corrosion resistance
- ▶ Scraper and file on back edge of the blade
- ▶ Notched to strip 23-19 AWG wire



11012

Product ID	Description
11012	5" Electrician Scissor

4-1/2" Precision Scissor

- ▶ Fully polished stainless steel provides excellent corrosion resistance
- ▶ Fine beaks for precise and delicate work
- ▶ 1-3/8" durable stainless steel blade



11016

Product ID	Description
11016	4-1/2" Precision Scissor

4-1/2" Slim Blade Straight Scissor

- ▶ Fully polished stainless steel provides excellent corrosion resistance
- ▶ Precision scissor for general use and cutting fine wire
- ▶ 1-1/4" durable stainless steel blade



11014

Product ID	Description
11014	4-1/2" Slim Blade Straight Scissor

8" All Purpose Standard Scissor

- ▶ Fully polished stainless steel provides excellent corrosion resistance
- ▶ 3-3/4" durable stainless steel blade



11023

Product ID	Description
11023	8" All Purpose Standard Scissor

Hemostat - Straight

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent corrosion resistance
- ▶ Serrated jaws hold objects firmly without cutting them
- ▶ Designed for intricate work in tight spaces
- ▶ Ratchet lock in handle allows varying gripping pressure



12001

Product ID	Description	Jaw Length
12001	Hemostat - Straight 3.5in	20mm
12015	Hemostat - Straight 5in	25.4mm
12011	Hemostat - Straight 5in w/Plastic Coated Handle	25.4mm
12017	Hemostat - Straight 6in	31.75mm
12013	Hemostat - Straight 6in w/Plastic Coated Handle	31.75mm
12019	Hemostat - Straight 8in	60mm
12030	Hemostat - Straight 18in	139mm
12032	Hemostat - Straight 24in	155mm

Hemostat - Curved

- ▶ Manufactured from 400 series stainless steel
- ▶ Mirror polished to provide excellent corrosion resistance
- ▶ Serrated jaws hold objects firmly without cutting them
- ▶ Designed for intricate work in tight spaces
- ▶ Ratchet lock in handle allows varying gripping pressure



12002

Product ID	Description	Jaw Length
12002	Hemostat - Curved 3.5in	20mm
12016	Hemostat - Curved 5in	25.4mm
12012	Hemostat - Curved 5in w/Plastic Coated Handle	25.4mm
12018	Hemostat - Curved 6in	31.75mm
12014	Hemostat - Curved 6in w/Plastic Coated Handle	31.75mm
12020	Hemostat - Curved 8in	60mm
12031	Hemostat - Curved 18in	139mm
12033	Hemostat - Curved 24in	155mm

Alligator Clamp

- ▶ Serrated jaws for secure grip
- ▶ Angled to provide maximum view
- ▶ Stainless steel construction
- ▶ Designed to securely retrieve and hold small parts



12201

Product ID	Description	Jaw Length	Opening
12201	Alligator Clamp 3.5"	0.5"	0.25"
12202	Alligator Clamp 5.5"	0.5"	0.25"

Probes

Probe Straight Needle Point

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ Single end straight tip
- ▶ Eight sided handle to ensure grip and prevent rolling



20031

Product ID	Description
20031	Probe Straight Needle Point

Probe Double Sided Scraper Bent Tips

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ Double sided with bent flat and curved points
- ▶ Eight sided handle is knurled at each end for extra grip



20035

Product ID	Description
20035	Probe Double Sided Scraper Bent Tips

Probe Bent Needle Point

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ 90 degree bent point
- ▶ Eight sided handle to ensure grip and prevent rolling



20032

Product ID	Description
20032	Probe Bent Needle Point

Probe Double End Bent/Curved

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ Double sided with bent and curved points
- ▶ Eight sided handle is knurled at each end for extra grip



20039

Product ID	Description
20039	Probe Double End Bent/Curved

Probe Curved Needle Point

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ Curved needle point
- ▶ Eight sided handle to ensure grip and prevent rolling



20034

Product ID	Description
20034	Probe Curved Needle Point

Stainless Steel Probe 4-Piece Set

- ▶ Manufactured from 400 series stainless steel
- ▶ Excellent corrosion resistance
- ▶ Sharp tip for precision work around delicate circuits and components
- ▶ Eight sided handle is knurled at each end for extra grip
- ▶ Set of four contains: Straight, Bent, Curved and Angled Models



20210

Product ID	Description
20210	Stainless Steel Probe 4-Piece Set

Did you know Aven offers a **limited lifetime warranty** on all hand tools?
Visit www.AvenTools.com for more information.

Scalpels & Blades

Scalpel Blade Handle Stainless Steel #3

- ▶ #3 size handle is designed to fit blade styles #10, 11, 12, & 15
- ▶ Makes loading blades easy
- ▶ Perfectly balanced and precision machined stainless steel
- ▶ Fluted finger grips



44031

Product ID	Description
44031	Scalpel Blade Handle Stainless Steel #3

Scalpel Blade Handle Stainless Steel #4

- ▶ #4 size handle is specifically designed to fit #23 blade style
- ▶ Makes loading blades easy
- ▶ Perfectly balanced and precision machined stainless steel
- ▶ Fluted finger grips



44033

Product ID	Description
44033	Scalpel Blade Handle Stainless Steel #4

K-8, K-10 & K-13 Replacement Blades

- ▶ Snap-off replacement blades
- ▶ Replacement blade for Technik K-8, Technik K-10, and Technik K-13 knives
- ▶ Ideal for home, office, or industrial use cutting paper, plastic, wood and other items



44254

Product ID	Description
44254	K-13 Replacement Blade (100/pk)
44256	K-10 Replacement Blade (100/pk)
44257	K-8 Replacement Blade (5/pk)

Scalpel Blades

- ▶ Made from surgical quality non-sterile .015" thick stainless steel
- ▶ Very sharp, precise and durable blade generally used for precision cutting in micro circuitry, photography, art, etc.
- ▶ Can be used with a plastic or stainless steel handle
- ▶ Contains two pieces per tube



44041

Product ID	Description	Blade Type
44041	Scalpel Blade #10	Curved cutting edge
44042	Scalpel Blade #11	Elongated triangular cutting edge
44043	Scalpel Blade #12	Small, pointed, crescent shaped cutting edge
44044	Scalpel Blade #15	Small curved cutting edge
44045	Scalpel Blade #23	Rounded "leaf shaped" cutting edge

Replacement Blades



Product ID	Description
44201	No. 2 Blade (5/pk)
44202	No. 2 Blade (100/pk)
44203	No. 10 Blade (5/pk)
44204	No. 10 Blade (100/pk)
44205	No. 11 Blade (5/pk)
44205S	No. 21 Stainless Steel Blade (5/pk)
44206	No. 11 Blade (100/pk)
44206S	No. 21 Stainless Steel Blade (100/pk)
44211	No. 16 Blade (5/pk)
44212	No. 16 Blade (100/pk)
44213	No. 17A Blade (5/pk)
44214	No. 17A Blade (100/pk)
44215	No. 18 Blade (5/pk)
44216	No. 18 Blade (100/pk)
44217	No. 19 Blade (5/pk)
44218	No. 19 Blade (100/pk)
44221	No. 22 Blade (5/pk)
44222	No. 22 Blade (100/pk)
44223	No. 23 Blade (5/pk)
44224	No. 23 Blade (100/pk)
44225	No. 24 Blade (5/pk)
44226	No. 24 Blade (100/pk)
44227	No. 25 Blade (5/pk)
44228	No. 25 Blade (100/pk)
44229	No. 26 Blade (5/pk)
44230	No. 27 Blade (5/pk)
44231	No. 28 Blade (5/pk)

Knives & Blades

Technik K-1 Precision Light Duty Knife

- ▶ 4-3/4-inch aluminum handle
- ▶ 4-slot point chuck for easy blade release
- ▶ Includes a super sharp #11 blade and a high impact safety cap
- ▶ Ideal for precision cutting, forming and stripping of paper, plastic, wood, cloth and film
- ▶ Fits replacement blades #10, 11, 16, 17



44012

Product ID	Description	Blade Size
44012	Technik K-1 Precision Light Duty Knife	#11

Technik K-13 Heavy Duty Snap Blade Knife

- ▶ 7-point deluxe snap off blade in a strong plastic track
- ▶ Plastic auto-lock handle
- ▶ Ideal for home, office, or industrial use cutting paper, plastic, wood and other items
- ▶ Fits replacement blades 44254, K-13 Replacement Blade (100/pk)



44017

Product ID	Description
44017	Technik K-13 Heavy Duty Snap Blade Knife

Technik K-5 Heavy Duty Knife

- ▶ 7/16-inch aluminum adapter
- ▶ 4-slot point chuck for easy blade release
- ▶ Includes a #19 sharp edge angled blade and a snug fitting plastic safety cap
- ▶ Ideal for precision cutting, trimming and stripping paper, plastic, and wood
- ▶ Fits replacement blades #2, 18, 19, 22, 23, 24, 25, 26, 27, 28



44014

Product ID	Description	Blade Size
44014	Technik K-5 Heavy Duty Knife	#19

Technik K-8 Flat Handle Light Duty Knife

- ▶ Sleek long handle design with a sharp utility blade
- ▶ Both ends of the blade can be used for cutting
- ▶ Blade can be adjusted easily
- ▶ Ideal for cutting boxes, wood, leather and foam
- ▶ Fits replacement blades 44257, K-8 Replacement Blade (5/pk)



44015

Product ID	Description
44015	Technik K-8 Flat Handle Light Duty Knife

Technik K-10 Plastic Snap Blade Knife

- ▶ 13-point snap off blade in a strong plastic track
- ▶ Plastic auto-lock handle
- ▶ Ideal for home, office, or industrial use cutting paper, plastic, wood and other items
- ▶ Fits replacement blades 44256, K-10 Replacement Blade (100/pk)



44016

Product ID	Description
44016	Technik K-10 Plastic Snap Blade Knife

Technik K-18 Grip-On Non-Roll Soft Handle Knife

- ▶ 5-inch comfortable soft grip handle
- ▶ Four jaw machined aluminum chuck for secure blade positioning
- ▶ Includes a super sharp #11 blade and clear plastic safety cap
- ▶ Ideal for cutting or trimming plastic, wood, paper, cloth and film
- ▶ Fits replacement blades #10, 11, 16, 17



44011

Product ID	Description	Blade Size
44011	Technik K-18 Grip-On Non-Roll Soft Handle Knife	#11

Technik K-2 Medium Duty Knife

- ▶ 4-3/4-inch aluminum handle
- ▶ 4-slot point chuck for easy blade release
- ▶ Includes a super sharp #22 blade and a high impact safety cap
- ▶ Ideal for precision cutting, trimming and stripping paper, plastic, wood, cloth and film
- ▶ Fits replacement blades #2, 18, 19, 22, 23, 24, 25, 26, 27, 28



44013

Product ID	Description	Blade Size
44013	Technik K-2 Medium Duty Knife	#22

Technik Knife Set

- ▶ Contains K1, K2, K5 knife handles
- ▶ 13 assorted blades
- ▶ Organized in convenient plastic tray



44101

Product ID	Description
44101	Technik Knife Set

Technik Deluxe Knife Set

- ▶ Contains K1, K2, K5 knife handles
- ▶ 13 assorted blades
- ▶ Includes a Teflon covered magnetic strip to help secure the blades
- ▶ Securely organized in a deluxe wooden box



44102

Product ID	Description
44102	Technik Deluxe Knife Set

Bench-top Tools

Soldering & Desoldering

Lead Free Solder Pot 150W

- ▶ Heating element liquefies solder quickly and provides excellent thermal stability
- ▶ Crucible is made from stainless steel with titanium plating, featuring corrosion resistance and prolonged service life
- ▶ Suitable for melting solder, plastic, resin and more
- ▶ Ideal for tinning ends of stranded wire leads, pre-tinning small electrical parts and dip soldering small circuit boards



17100-150

Product ID	Description	Solder Pot Capacity
17100-150	Lead Free Solder Pot 150W	500g

Adjustable Circuit Board Holder

- ▶ Retractable to accommodate various board sizes up to 198mm wide and up to 4mm thick
- ▶ Clamps allow PCB to rotate 360°
- ▶ Rigid metal structure
- ▶ Rubber feet of the base ensure stability
- ▶ Ideal for clamping PCB, for soldering/desoldering or rework



17010

Product ID	Description
17010	Adjustable Circuit Board Holder
17010-530	Bundle: Soldering Iron 40W with Fine Tip + Stand with Soft Coiled Brass Tip Cleaner & Circuit Board Holder
17510-010	Bundle: Soldering Iron 80W with Fine and Chisel Tips + Adjustable Circuit Board Holder

Lead Free Solder Pot 300W

- ▶ Heating element liquefies solder quickly and provides excellent thermal stability
- ▶ Crucible is made from stainless steel with titanium plating, featuring corrosion resistance and prolonged service life
- ▶ Suitable for melting solder, plastic, resin and more
- ▶ Ideal for tinning ends of stranded wire leads, pre-tinning small electrical parts and dip soldering small circuit boards



17100-300

Product ID	Description	Solder Pot Capacity
17100-300	Lead Free Solder Pot 300W	1300g



Soldering & Desoldering

Soldering Kit - 6pc

- ▶ 40 Watt Soldering Iron heats up to 900° F
- ▶ Ideal for use on electrical/ electronic components, audio equipment, etc.
- ▶ Includes desoldering pump for removing liquid solder
- ▶ Provides basic tools needed for many soldering projects
- ▶ 6 Pc kit comes complete with replaceable fine tip



17501

Product ID	Description
17501	Soldering Kit - 6pc

Desoldering Pump - High Impact Plastic 13"

- ▶ Durable corrosion resistant plastic construction with precision metal plunger
- ▶ Cushioned shock reduction minimizes board damage
- ▶ Teflon (PTFE) non-stick coated tip
- ▶ Easy to clean one-touch cylinder



17535

Product ID	Description
17535	Desoldering Pump - High Impact Plastic 13"

Desoldering Pump - ESD Safe Plastic 8.5"

- ▶ Durable corrosion resistant plastic construction
- ▶ Easy to clean one-touch cylinder
- ▶ Cushioned shock reduction minimizes board damage



17536

Product ID	Description
17536	Desoldering Pump - ESD Safe Plastic 8.5"

Soldering Kit - 7pc

- ▶ 40 Watt Soldering Iron heats up to 900° F
- ▶ Ideal for use on electrical/ electronic components, audio equipment, etc.
- ▶ Includes desoldering pump for removing liquid solder
- ▶ Provides basic tools needed for many soldering projects
- ▶ 7 Pc kit comes complete with replaceable fine tip



17502

Product ID	Description
17502	Soldering Kit - 7pc

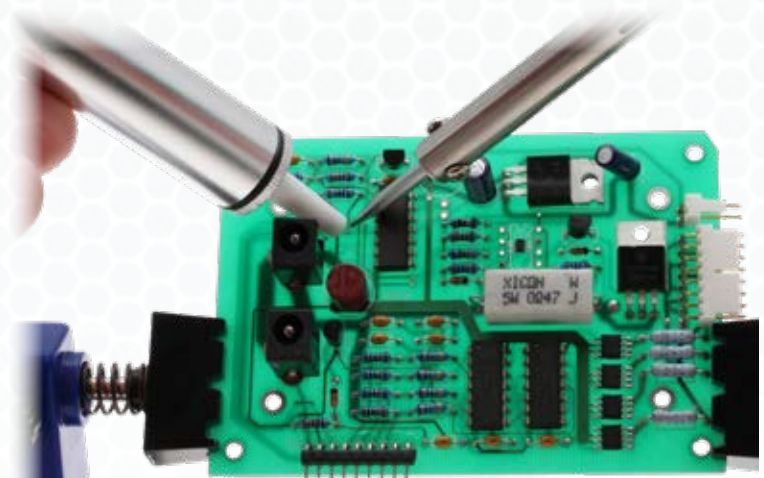
Desoldering Pump - Metal Body 7.5"

- ▶ Durable corrosion resistant aluminum construction with precision metal plunger
- ▶ Cushioned shock reduction minimizes board damage
- ▶ Push Button for Easy Plunger Release
- ▶ Easy to clean one-touch cylinder



17537

Product ID	Description
17537	Desoldering Pump - Metal Body 7.5"



Soldering & Desoldering

Desoldering Wick

- ▶ Made of clean, oxide-free copper wire
- ▶ Tight weave enables quick "on and off" desoldering
- ▶ Concentrated fine copper braiding utilizes less length of wick for each desoldering application
- ▶ RoHS compliant



17542

Product ID	Description
17540	Desoldering Wick 1.5mm (0.06")
17541	Desoldering Wick 2mm (0.08")
17542	Desoldering Wick 2.5mm (0.1")
17545	Desoldering Wick 2.5mm with dispenser case and 4 1.5M replacement cores

Desoldering Wick 2.5mm with Dispenser Wheel and 4 Replacement Spools

- ▶ 2.5mm desoldering wick with thumb wheel dispenser.
- ▶ 4 replacement desoldering wick spools.
- ▶ Desoldering wick quickly absorbs excess solder.
- ▶ The dispenser keeps the thread sealed, prolonging the life of the desoldering wick.
- ▶ Built-in thumb wheel is designed to provide easy flow control of the wick



17545

Product ID	Description
17545	Desoldering Wick 2.5mm with Dispenser Wheel and 4 Replacement Spools

B-Series Soldering Iron Tips

- ▶ Long life, lead-free soldering iron tips
- ▶ Includes two tips
- ▶ For use with 17510 Soldering Iron 80W



17510-B51

Product ID	Description
17510-B51	B-Series Soldering Iron Tips (B-51)

N-Series Soldering Iron Tips

- ▶ Long life, lead-free soldering iron tips
- ▶ Replacement tips for soldering the different components of PCBs
- ▶ Five different sizes
- ▶ Includes two tips
- ▶ For use with 17400 & 17405 ESD Safe Soldering Stations with LCD Display



17400-N94

Product ID	Description
17400-N93	N-Series Soldering Iron Tips (N-93)
17400-N94	N-Series Soldering Iron Tips (N-94)
17400-N95	N-Series Soldering Iron Tips (N-95)

Soldering Iron 40W with Fine Tip

- ▶ Ideal for general purpose soldering
- ▶ Round, soft grip, non-slip handle
- ▶ Durable cord with a 5-foot reach
- ▶ Fitted with long life replaceable fine tip



17521

Product ID	Description
17521	Soldering Iron 40W with Fine Tip

Soldering Iron 80W with Fine Tip

- ▶ Ideal for general purpose soldering applications including metal board, tube or large components
- ▶ Round, soft grip, non-slip handle
- ▶ Durable cord with a 5-foot reach
- ▶ Fitted with long life replaceable fine tip



17510

Product ID	Description
17510	Soldering Iron 80W with Fine Tip



Soldering & Desoldering

Solder Reel Stand

- ▶ Allows solder wire to be drawn out smoothly
- ▶ Compact design keeps work benches neat and orderly
- ▶ Holds up to 1 kg (approximately 2lbs.) roll of solder wire
- ▶ Solder reel stand is the ideal solution for easy soldering wire supply



17560

Product ID	Description
17560	Solder Reel Stand

Soldering Iron Stand with Soft Coiled Brass Tip Cleaner

- ▶ Replaceable soft coiled brass tip cleaner
- ▶ Cleans tip without messy wet sponges
- ▶ Uses low abrasive brass, no water needed
- ▶ Works with any tip
- ▶ Lengthens tip life by reducing oxidation
- ▶ Sturdy heavy duty stand with built-in tip cleaner



17530

Product ID	Description
17530	Soldering Iron Stand with Soft Coiled Brass Tip Cleaner

Dual Function Smoke Absorber & Bench Fan ESD Safe

- ▶ Functions as a solder smoke absorber and a standard fan
- ▶ Compact & space-saving
- ▶ 10 speed settings
- ▶ Adjustable metal stand
- ▶ ESD safe
- ▶ Includes carbon filter for absorbing solder smoke



17015

Product ID	Description
17015	Dual Function Bench Fan & Smoke Absorber

Benchtop Smoke Absorber

- ▶ Removes flux fumes from soldering work bench
- ▶ Fumes absorbed by carbon activated filter
- ▶ Fan is quiet and will not add significant noise to your workspace
- ▶ Stand allows the smoke absorber to be adjusted to varying angles



17701

Product ID	Description
17701	Benchtop Smoke Absorber



Soldering & Desoldering



Hot Glue Gun 60W with Plastic Case

- ▶ Narrow nozzle for precise glue application
- ▶ Temperature dial (180°-240° C)
- ▶ Ergonomic hand grip



17621

Product ID	Description
17621	Hot Glue Gun 60W with Plastic Case

Long Trigger Hot Glue Gun

- ▶ Easy reach long trigger provides smooth glue control
- ▶ Narrow nozzle for precise glue application
- ▶ Heats up quickly



17610

Product ID	Description
17610	Long Trigger Hot Glue Gun

Hot Glue Gun 25W with Plastic Case

- ▶ Narrow nozzle for precise glue application
- ▶ Ergonomic hand grip
- ▶ Easy reach trigger



17620

Product ID	Description
17620	Hot Glue Gun 25W with Plastic Case

Helping Hands Magnifier with Clamps

- ▶ Useful auxiliary tool in soldering, model making and other hobbies
- ▶ Heavy-duty cast iron base provides stability
- ▶ Magnifier can be swiveled and fixed to desired position or angle
- ▶ Two alligator spring clips that hold work firmly in any position
- ▶ 2x magnifier is removable



26000

Product ID	Description
26000	Helping Hands Magnifier with Clamps

Aven Heat Guns

- ▶ Heats Up Quickly
- ▶ 3 Nozzle Attachments For a Variety of Applications
- ▶ Durable Construction
- ▶ Compact, Ergonomic Design
- ▶ Adjustable Heat Control



17601

Product ID	Description
17601	Heat Gun 1500W with Adjustable Temperature Control
17602	Heat Gun 1500W with Digital Temperature Control



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