

How a Complete Mantis System is Built

A Mantis system requires:

1. One Microscope Head (PIXO, ERGO, or IOTA)
2. One Stand Option (Verso Arm OR Column/Base option)
3. At least one Objective Lens

Step 1 – Choose Your Head

Head Type	Vision SKU	Notes
PIXO	MPH001 MPH003 (UV)	Stereo head with integrated HD camera. (standard or White/UV) Works with PIXO/ERGO lenses + optional imaging components
ERGO	MRH001 MRH002 (UV)	Stereo head. (standard or White/UV) Works with PIXO/ERGO lenses
IOTA	MIH001	Compact stereo head. Uses IOTA lenses only

Step 2 – Choose a Stand Option

Stand Type	Vision SKU	Notes
Stabila Column	MTB210	Column for Mantis heads (requires MTB211 or MTB212)
Stabila Plain Base	MTB211	Plain Base (requires MTB210)
Stabila Illuminated Base	MTB212	Illuminated Base (requires MTB210)
Verso Arm	MTB200A	Flexible positioning arm
Verso Forearm Ext.	MTB201A	Extends reach of Verso Arm
Pilot Stage	MTB220	Floating stage (compatible with MTB211 or MTB212)

Step 3 – Choose Lenses

Lens Type	Vision SKU	Magnification / Compatibility
PIXO & ERGO Lens	MTO003	3.0x – For PIXO & ERGO Only
PIXO & ERGO Lens	MTO004	4.0x – For PIXO & ERGO Only
PIXO & ERGO Lens	MTO006	6.0x – For PIXO & ERGO Only
PIXO & ERGO Lens	MTO008	8.0x – For PIXO & ERGO Only
PIXO & ERGO Lens	MTO010	10x – For PIXO & ERGO Only (not suited for Verso Arm)
PIXO & ERGO Lens	MTO015	15x – For PIXO & ERGO Only (not suited for Verso Arm)
PIXO & ERGO SLWD Lens	MTO007	6.0x SLWD – For PIXO & ERGO Only
PIXO & ERGO SLWD Lens	MTO009	8.0x SLWD – For PIXO & ERGO Only
IOTA Lens	MTO103	3.0x – For IOTA Only
IOTA Lens	MTO104	4.0x – For IOTA Only
IOTA Lens	MTO106	6.0x – For IOTA Only
IOTA Lens	MTO108	8.0x – For IOTA Only
SLWD Lens Extension	MTA314	6x/8x SLWD Objective Extension – For PIXO & ERGO Only (required when using MTO007 & MTO009)

Additional Components (PIXO Only)

	Vision SKU	Notes
Microscope Controller	CAM-040	Microscope Controller (PC) for Image Capture
HD Monitor	CAM-028	HD Monitor, 22" (HDMI Input)
DimensionOne Software	VIS003	Dimension One: Image capture, annotation, on-screen measurements