



precision tools
for modelers & hobbyists



Quality • Precision • Durability • Comfort



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XURON Corp.

62 Industrial Park Road • Saco, Maine 04072 USA

Phone: 1-207-283-1401 • Fax: 1-207-283-0594

Email: sales@xuron.com • www.xuron.com



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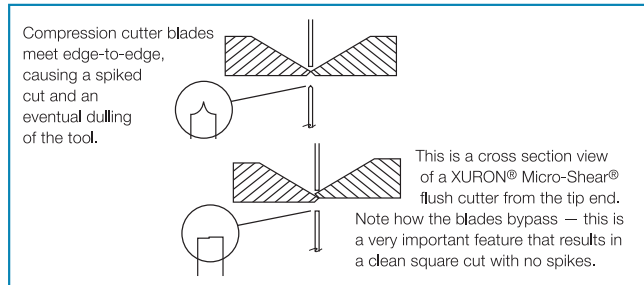
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Xuron Corp. offers hobbyists and crafters the same quality Micro-Shear® Flush Cutters, Pliers and Specialty tool assortments that we've supplied to aerospace industries, civilian, and military electronics since 1970. Xuron® tools are American-made at our factory in Saco, Maine.

Excellent tools have a direct impact on the quality of your finished product. We know you will enjoy working with Xuron® precision tools!

The first time you use a Xuron® cutter, you'll notice the difference in our tools. The cutting edges do not line up perfectly. This is due to the unique Micro-Shear® blade bypass cutting method, which we developed and patented. Compared to traditional wire cutters that cut by compression (squeezing the material until it cuts, leaving a spike or pinch that requires clean-up), the cutting blades of a Xuron® tool bypass for a sheer cut that leaves a clean, flat surface.



All Xuron® tools feature return springs and soft, non-slip rubber handle grips for comfort, ease of use, and exceptional control.

How to Choose the Right Tool for the Job

More precision, more comfort, greater safety - Quality tools make creativity fun! Check out our new easy reference chart to see which is the right tool for your project.

Easy Reference Chart													
	Soft Wire up to 22 AWG (.025")	Soft Wire up to 20 AWG (.032")	Soft Wire up to 18 AWG (.040")	Soft Wire up to 16 AWG (.050")	Soft Wire up to 14 AWG (.064")	Soft Wire up to 12 AWG (.080")	Hard Wire/ Spring Wire up to .040", 18 AWG	Model RR Track HO, N & Z Scale	Photo Etch brass, aluminum	Plastic Sprue	Carbon Fiber Rods	Carbon Fiber Strips	Sheet stock, plastic, styrene, balsa
Model #													
410	•	•	•										
410T	•									•			
420T	•									•			
2175ET										•			
2175	•	•	•	•	•	•							
2175B	•	•	•	•	•	•		•					
2175M	•	•	•	•	•	•		•					
440									•				
9180ET									•				
9180												•	•
501	•	•	•	•	•	•							
505	•	•	•	•	•	•							
505ST	•	•	•	•	•	•							
2193	•	•	•	•	•	•	•						
2193F	•	•	•	•	•	•	•						

DON'T BE BLIND TO THE HAZARD

Wear eye protection whenever you work with tools.



CAUTION

Grips do not provide protection against electric shock.

DO NOT USE ON OR NEAR ENERGIZED CIRCUITS.



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cutters

Professional Sprue Cutter #2175ET

Designed by a scale modeler for scale modelers who need a tool with added reach and maneuverability. Longer, low-profile cutting blades easily get into tight, confined spaces and our Micro-Shear® blade bypass cutting action leaves clean, smooth cuts with no pinch or damage to parts. Handles are longer and shaped with a slight curve to fit comfortably in larger hands, allowing greater stability and control. **Recommended for use on soft plastic only.**

Original Sprue Cutter #410T

Smaller handles makes this cutter more popular with modelers who have smaller hands or limited dexterity, a perfect fit for younger modelers. Soft Xuro-Rubber™ grips and Light-Touch™ return spring provide a precision feel and all day comfort. Tapered tip provides access to tight areas.

Angled Sprue Cutter #420T

The same precision cutting as our 410T Original Sprue Cutter, but with a 55 degree angled cutter head. Tapered tip provides access to tight areas, while the angled head allows for improved sight lines when working. The 420T makes it possible to cut straight down in an otherwise inaccessible location - ideal for cutting inside a radius.

Track Cutter #2175B

A must-have tool for model railroaders working in HO, N and Z scales. Cuts track easily and cleanly with little or no need for filing. Easy to use: Simply position track in the middle of cutting jaws, as shown in the picture, and squeeze. Soft Xuro-Rubber™ grips and Light-Touch™ return spring eliminate hand fatigue, even after repeated cutting. Not for use on nichrome or other types of hard wire.

Vertical Track Cutter #2175M

Specifically designed for vertical cutting of HO and smaller model railroad track that's already been secured to the roadbed, as well as Markin® brand C track. The cutter head is shaped for strength and durability. Much easier than slicing through track with a rotary cutter.

Maxi-Shear™ Flush Cutter #2175

A strong, very durable shear, ideal for wire crafts, basketry, stained glass, caning, and in-home DIY projects. Maximum cutting capacity: 12 AWG (2 mm) soft wire. A versatile tool that belongs in every crafter's or homeowner's tool box.

Micro-Shear® Flush Cutter #410

An all-purpose cutter for hobbies and crafts. Rated for soft wire up to 18 AWG (1 mm), it is a perfect choice for cutting electronics wire, flexible stranded bead wire, and craft wire.

Hard Wire Cutter #2193 / 2193F

The only Xuron® tool recommended for cutting many different types of hard wire, including nichrome, music wire, throttle cable, push rods, carbon fiber rods. Cutting effort is minimal due to the tool's full bypass shearing action. Rated for cutting hard wire up to 18 AWG (.040", 1 mm). #2193F has wire retaining clamps.

Wire Stripper and Cutter #505 / 505ST

A unique, user-friendly design incorporates wire gauge markings (12-26 AWG, 2.05 mm - .405 mm) on the dial cam for quick and easy setting, stripping and cutting. Also, the cam acts as a handy closure hook keeping the tool in the closed position when not in use. The #505 is designed for stripping solid wire, the #505ST for stranded wire.

Adjustable Wire Stripper and Cutter #501

A toolbox staple for all hobbyists. Quickly and easily strips and cuts wire sizes 10-26 AWG (2.56 mm - .405 mm). The wire stripper features a thumb-adjustable cam that sets the tool to the appropriate wire size without needing to know the exact wire diameter - simply set and strip. The #501 also includes a full bypass cutter for added versatility.



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pliers & specialty tools

Tweezer Nose™ Pliers #450 / 450S

Blades are fine, precise, and match perfectly all along the jaw, making this a useful tool to bend photo-etch, form and bend soft wire, or pick up and hold delicate parts. Available with smooth jaws (450) or serrated (450S).

Bent Nose Pliers #450BN / 450SBN

A bent nose version of our #450, with plier blades angled to 45° for improved sight lines when working in tight areas or with small parts. The #450BN is great for handling small components or delicate items while keeping the hand in a horizontal position. Plier tips are strong, precise and perfectly aligned. Available with smooth jaws (450BN) or serrated (450SBN).

Bent Nose Plier #486

The 90° angled of the plier blades keep the wrist in a natural position, and improves sight lines when picking up or manipulating small pieces of tubing, wire or model railroad scenery materials.

Flat Nose Plier #485FN

A flat (duck bill) version of the #485 Long Nose Plier. Flat, square, smooth blades are perfect for bending, holding and flattening wire, photo-etched parts or soft sheet stock.

Long Nose Plier #485 / 485S

The Xuron® version of a traditional chain nose plier. Light weight, and not bulky - this plier can be used to capture, bend, pull and manipulate wire. Great for work with electronics and miniatures. Available with smooth (#485) or serrated (#485S) jaws.

Round Nose Plier #488

Round tips transition to an elliptical shape along the length of the blades for maximum looping and forming possibilities. Although delicate in appearance, the plier blades stay aligned, never crossing in use (unlike less expensive alternatives). Useful for shaping and forming soft metals, photo-etch and wire.

Combination Tip Plier #489

One round blade and one flat make this tool useful for bending, shaping, looping and forming of wire and soft metals.

Micro Bending Plier #575

Unique forming blades bend wire, photo-etch and light gauge strips of brass and aluminum into a perfect 90° angle. Also, ideal for adjusting trip pins on N, HO and O sized couplers.

Short Nose Plier #475

Developed for fine electronics work, the short nose of this plier puts you closer to your work for a greater feeling of control when bending or forming wire, photo-etch or other soft metals. Used by model railroaders for electronics work or by R/C'ers for wiring. Also useful for home electronics building and repair.



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scissors

Professional Photo-Etch Scissor #9180ET

A precision scissor designed specifically for use on closely spaced photo-etch accessories. Trims so close that sanding is never necessary after the cut. Easily, cleanly and safely cuts PE without bending the delicate parts. Extra-long and ultra-sharp scissor blades, along with stable, curved handle grips and a return spring combine to create a tool that offers precision cutting with stability and control. **Use on photo-etch parts only.**



Original Photo-Etch Scissor #440

Blades and handles are smaller on this original version than on the #9180ET, making this the tool of choice for smaller or arthritic hands. A precision scissor, perfect for cutting fine and delicate items, such as photo-etch, thread, embroidery floss, wood reed, and cane. **Model shipbuilders will find this scissor helpful for cutting rigging lines.** Rated for cutting soft metals up to 0.005".



High Durability Scissor #9180

Designed to cut through tough Kevlar® fibers, this scissor is also appropriate for use on other abrasive materials such as carbon fiber strips and high strength composite fabrics. Serrated blade keeps material secure while cutting.



convenient dispensers

WickGun™ Desoldering Braid Dispensers

A quick and convenient hand tool for all desoldering needs. WickGun™ Desoldering Braid Dispensers feature replaceable, interchangeable cassettes, factory loaded with pure copper braid (coated with flux). Rotate the thumb wheel of the gun to advance or retract as much braid as required. Place braid on top of solder to be removed and hot soldering iron on top of braid. Squeeze trigger of WickGun™ to cut off used braid. It's quick and clean. Great for repair work!

WickGun™ Desoldering Braid Dispensers come factory loaded filled with 15 feet (4.6 meters) of braid in sizes 1, 2, 3 or 4 (widths – 0.35", 0.060", 0.076", 0.110"). Cassette can be switched if the project requires several different braid sizes.



Dispensing Bottles

Each 2 ounce (59.14 ml) is matched with a 1 inch (2.54 cm) stainless steel capillary tube for precise and controlled dispensing of flux, light oil, paint, solvents and white glue. Not for use with CA (Super Glue). Needle adapter accepts any standard luer hub dispensing tube.

- # 800 – dispensing bottle, no needle
- # 810 – includes 0.010" I.D. capillary tube
- # 820 – includes 0.020" I.D. capillary tube
- # 840 – includes 0.040" I.D. capillary tube



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tool kits

Custom designed tool kits for a variety of hobbyists. Each kit contains three tools that are packaged in a protective canvas tri-fold pouch to keep them safe and organized. Additional kits are available and can be viewed on our website.



Professional Modeler's Toolkit #TK 3200

Featuring our professional series tools - designed by a modeler for modelers: #2175ET Professional Sprue Cutter, #9180ET Professional Photo-Etch Scissor as well as our #450 TweezerNose™ Plier.



Model Railroader's Toolkit #TK 2200

Three timeless tools for any model railroader; our #2175B Track Cutter, #410T Original Sprue Cutter and #450S TweezerNose™ Plier (serrated).



Model Aviation RC Toolkit #TK 3300

Three basic and necessary tools for R/C model aviators; our #2175 Maxi-Shear Flush Cutter, #2193 Hard Wire Cutter and #501 Adjustable Wire Stripper/Cutter.

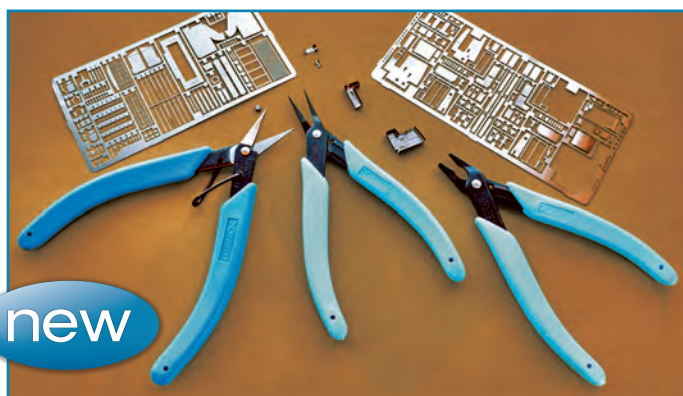


Photo-Etch Toolkit #TK 3600

You asked and we listened. This toolkit features the tools most in demand by those who work with photo-etch accessories: #9180ET Professional Photo-Etch Scissor, #575 Micro-Bending Plier, and #450 TweezerNose™ Plier.



Musician's Toolkit #TK 3400

If stringed musical instruments are your hobby, this kit is for you. Containing our #2175 Maxi-Shear™ Flush Cutter, #2193 Hard Wire Cutter and #485 Long Nose



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