

XURON
CORP.



precision tools
for modelers & hobbyists

Made in the

USA

Quality • Precision • Comfort • Durability

Quality, American-made Xuron® Tools

Xuron Corp. offers hobbyists and crafters the same quality Micro-Shear® Flush Cutters, Pliers and Specialty tool assortments that we have supplied to aerospace industries, civilian, and military electronics since 1970.

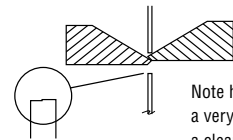
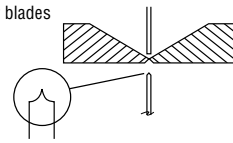
The introduction of Xuron® tools to the hobby/craft market in 1989 was rewarded with a very dedicated and loyal following that established a strong brand in the industry. Our goals are simple and remain unchanged – to manufacture high quality products at fair pricing and provide the very best service to our customers.

We're proud to offer quality, American-made Xuron® tools from our factory in Saco, Maine, USA where an outstanding work ethic and flawless craftsmanship have become a long standing tradition.

What is a Micro-Shear®?

The term Micro-Shear® is a Xuron Corp. invention and registered trademark, referring to the blade bypass type of cut, employed on all Xuron® Cutters (see diagram). Producing flat cuts with little or no "pinch," Micro-Shear® cuts won't distort or damage delicate materials. Because our exceptional Micro-Shear® blades don't align perfectly, skeptical buyers may want to see a demonstration to believe this is intentional and not a defect. They'll be sold on the results.

Compression cutter blades meet edge-to-edge, causing a spiked cut and an eventual dulling of the tool.



This is a cross section view of a XURON® Micro-Shear® flush cutter from the tip end. Note how the blades bypass — this is a very important feature that results in a clean square cut with no spikes.

Which tool to recommend?

Our new Easy Reference Chart on the back page of this catalog offers a quick way to scan a list of possible applications / materials and find the appropriate Xuron® tool for any job. Cutting plastic? Carbon fiber rods? It's all right here. If you get stumped, feel free to contact us directly by telephone or email. Telephone # 207-283-1401. Email: sales@xuron.com

Do Xuron® Tools come with a warranty?

Absolutely – any Xuron® tool will be promptly replaced, at no cost, if it fails to perform as stated, providing it does not show evidence of customer abuse or misuse. Please return the product in question, if possible, for evaluation and / or improvement. We guarantee all Xuron® tools to be free from either craftsmanship or material defects.

Caution - Grips are not intended to provide protection against electric shock. DO NOT USE ON OR NEAR ENERGIZED CIRCUITS. DON'T BE BLIND TO THE HAZARD. Make sure everyone present is wearing approved eye protection whenever you work with hand tools.

Dear Retailer: Please fill out this coupon to receive a supply of Xuron Corp's consumer catalog. The catalog is complete with photographs and information on all products manufactured by Xuron Corp. Catalogs will be shipped with a sturdy, clear plastic holder so they can be displayed in your tool area or checkout.

FREE Point of Purchase CATALOGS

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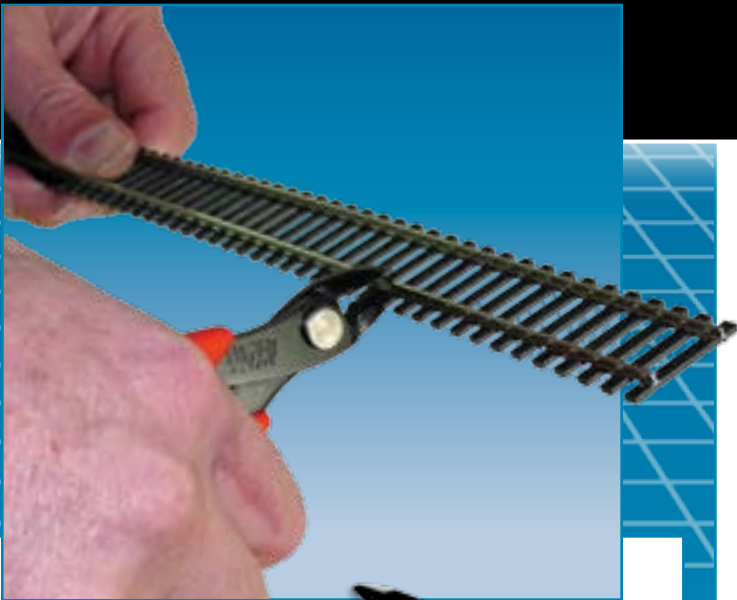
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cutters



UPC #90028 2175B Track Cutter

A "must-have" tool for any model railroader (HO, N & Z scales). Cuts track quickly and cleanly with little or no need for post cut filing. Easy to use, simply position the track in the middle of the cutting jaws in a top to bottom position and squeeze. Soft Xuro-Rubber™ grips and Light-Touch™ return spring keep hand fatigue at bay, even after repeated cutting. Not for use on nichrome or other types of hard wire.

UPC #90137 2175M Vertical Track Cutter

A Xuron® Track Cutter specifically designed for vertical cutting of model railroad track that has been secured to the roadbed and Markin® brand C Track. The cutter head is shaped for strength and durability. For use on model railroad track HO scale and smaller.

UPC #90026 2175 Maxi-Shear™ Flush Cutter

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

9000 Series Premium Quality Shears

Our most durable Micro-Shear® Flush Cutters. Manufactured from .125" thick alloyed steel with state-of-the-art heat treating, precision screw and post pivot and ultra precise grinding. Ergonomically designed with soft Xuro-Rubber™ grips and Light-Touch™ return spring for optimum control and comfort. An excellent choice for wire work, chainmaille and all types of jewelry making.

Available in two versions:

UPC #90001 9100 Oval Head

For cutting soft wire/metals up to 12 AWG (2mm)

UPC #90005 9200 Tapered Head

For increased access into tight areas. For cutting soft wire/metals up to 14 AWG (1.6mm)

UPC #90035 410 Micro-Shear® Flush Cutter

The model 410 is an all-purpose cutter for hobbies, crafts and beading. Rated for soft wire up to 18 AWG (1.1mm), it is a perfect choice for electronics wire, flexible stranded bead wire, bead cord and craft wire.

Soft Xuro-Rubber™ grips and Light-Touch™ return spring provide a precision feel and all day comfort.

UPC #90033 2193 Hard Wire Cutter

Our hard wire cutter provides an excellent method of cutting many different types of hard wire including, nichrome, music wire, memory wire, throttle cable, push rods. Also a great choice for carbon fiber rods. Cutting effort is minimal due to the tools' full bypass shearing action. Rated for cutting hard wire up to 18 AWG (.040", 1mm). Retailers — this is a great add-on sale item for customers buying your hard wire and rods.



cutters

UPC #90317 2175ET Professional Sprue Cutter

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 for greater stability and control. Recommended for use on soft plastic only.

UPC #90039 410T High Precision Shear / Sprue Cutter

Similar to our model 410A but with a more tapered cutter head for better access into extremely restricted spaces. Maximum cutting capacity, 22 AWG (0.64mm) soft wire.



UPC #90036 410A Ultra Flush Cutting Shear

The full flush cutting version of our Model 410, the Model 410A should be used for cutting plastic and other soft materials. Our Micro-Shear® blade bypass cutting method leaves flat, clean cuts requiring little or no post cut clean up. While the Model 410A can be used to cut wire, this should be very soft wire no larger than 20 AWG, (0.8mm)

UPC #90043 420T Angled High Precision Shear

The same precision cutting as our 410T High Precision Shear, combined with a 55 degree angled cutter head. Tapered tip provides access in those "tight" areas while angled head allows for improved sight lines when working and makes it possible to cut straight down on an otherwise inaccessible location. 420T is ideal for working on the inside of a radius.



scissors

UPC #90128 9180 High Durability Scissor

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. Finger loops have been eliminated on this scissor to ensure positioning flexibility and reduce fatigue.

UPC #90046 440 High Precision Scissor

An ultra-precise scissor, perfect for cutting fine and delicate items such as photo-etch detail pieces, thread, embroidery floss, bead cord as well as wood reed and cane. Cushioned grip Xuro-Rubber™ handles and our Light Touch™ return spring replace conventional finger loops for increased comfort and precision. This innovative design is especially advantageous for users with arthritic hands. Rated for cutting soft metals up to 0.005."

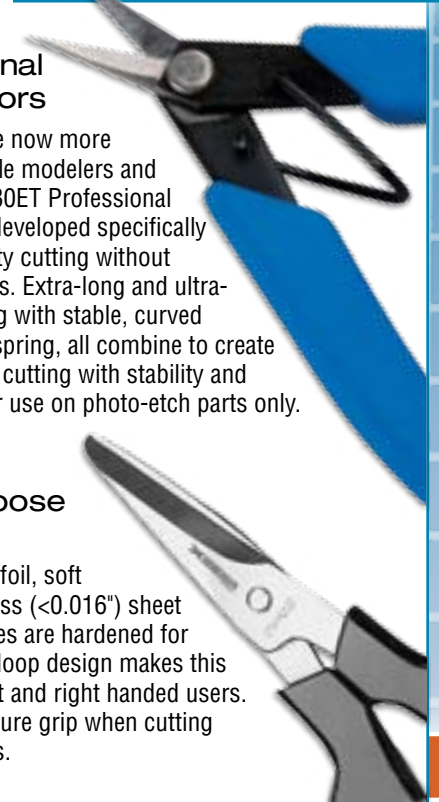


UPC #90333 9180ET Professional Photo-Etch Scissors

Photo Etch accessories are now more popular than ever with scale modelers and model railroaders. Our 9180ET Professional Photo-Etch Scissors was developed specifically for easily, cleanly and safely cutting without damaging the delicate parts. Extra-long and ultra-sharp scissor blades, along with stable, curved handle grips and a return spring, all combine to create a tool that offers precision cutting with stability and control. Recommended for use on photo-etch parts only.

UPC #90118 SS-6 General Purpose Scissor

Easily cuts mylar, styrene, foil, soft aluminum (<0.005") or brass (<0.016") sheet stock. Stainless Steel blades are hardened for durability and large finger loop design makes this scissor comfortable for left and right handed users. Serrated area provides secure grip when cutting round or slippery materials.



pliers & specialty tools



UPC #90065/90066 450/450S Tweezer Nose™ Pliers

We call this a “tweezer nose” plier because the blades are fine, precise, and match perfectly in alignment, size and shape. Capable of picking up and holding delicate parts while strong enough to form and bend wire. Available with either smooth jaws (450) or serrated (450S) for improved grip.

UPC #90140/90319 450BN/450SBN Bent Nose Plier

Similar to our model 450 Tweezer Nose™ Plier, but with plier blades angled to 45° for improved sight lines when working in tight areas or with small parts. Plier tips are strong, precise and perfectly aligned. Available with either smooth jaws (450BN) or serrated (450SBN)

UPC #90122 488 Round Nose Plier

Traditional jeweler’s plier with non-traditional approach. Innovative round tips transition to an elliptical shape along the length of the blades for maximum looping and forming possibilities. Can be used for shaping and forming soft metals, photo-etch and wire.

UPC #90123 489 Combination Tip Plier

Featuring one round blade and one flat for easy bending, shaping, looping and forming of wire and soft metals.

UPC #90075/90076 485/485S Long Nose Plier

The Xuron® version of the traditional chain nose plier. Easily captures a human hair, tightens a thread, flattens a copper wire or draws a twisted wire cable through tubing. Light Touch™ return spring returns plier to its open position and non-slip Xuro-Rubber™ grips help maintain control and precision. Designed to combine strength and precision without the bulk or lack of feel found in traditional long nose pliers. Available with smooth jaws (485) or with serrations (485S) for extra holding power.

UPC #90139 485C Combination Long Nose Plier and Cutter

The 485C is truly two tools in one with a cutter capable of cutting soft wire as large as 12 AWG (2.05mm) and a precision long nose plier for holding and bending.

UPC #90138 485FN Flat Nose Plier

A flat nose (duck bill) version of our model 485 Long Nose Plier. Flat, smooth blades are perfect for bending and forming wire, photo-etch parts or soft sheet stock.

pliers & specialty tools

UPC #90124 496 Split Ring Plier

Used for opening split rings. Curved catch tip opens ring then securely grasps it, simplifying installation of charms, keys – even fishing lures. Works well with all sizes down to #00.



UPC #90125 575 Micro Bending Plier

Unique forming blades shape wire and light gauge strips of brass and aluminum. Ideal for adjusting trip pins on N, HO and O sized couplers.



UPC #90134 501 Adjustable Wire Stripper and Cutter

A toolbox staple for all hobbyists. Quickly and easily strips and cuts wire sizes 10-26 AWG (2.56mm - 0.405mm). 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 shear cutter for added versatility. Retailers – why send customers to the hardware store for a wire stripper when you can make the sale yourself!



UPC #90136/#91041 505/Model 505 ST Wire Stripper and Cutter

A unique, user-friendly design incorporates wire gauge markings (12-26 AWG, 2.05mm-.405mm) 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 a closed position when not in use. The model 505 is designed for stripping solid wire, the model 505ST for stranded wire. Both models feature the Xuron® Light Touch™ return spring and cushioned, non-slip Xuro-Rubber™ grips for added comfort and convenience.



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). Rotating the thumb wheel of the gun advances or retracts as much braid as required. User places the braid on top of the solder to be removed and the hot soldering iron on top of the braid. Squeezing the trigger on the WickGun™ cuts off the used braid. It's quick and clean. Great for use in your shop if you do 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

Self-sealing design means no waste and no spills. Two ounce polyethylene bottles matched with a 1" (2.54cm) stainless steel capillary tube for the controlled dispensing of a wide variety of liquids, including solvents, flux, paint and oil. Needle adaptor accepts any standard luer hub dispensing tube.



See price sheet for list of item numbers or go to www.Xuron.com for more information.

tool kits



UPC #90119
TK 2100 Modeler's Tool Kit

This kit contains three basic modeling tools and is a perfect choice for a novice or someone just getting back into modeling after years away from the bench. Contains the model 410T Sprue Cutter, model 440 High Precision Scissors and model 450 Tweezernose™ Pliers bundled together in a protective canvas pouch for easy storage and portability.

UPC #90337
TK 3200 Professional Modeler's Tool Kit

Featuring our newest tools designed by a modeler for modelers; model 2175ET Professional Sprue Cutter and model 9180ET Professional Photo-Etch Scissor as well as our model 450 Tweezernose™ Pliers. All are packaged in a protective trifold pouch to keep them safe and organized.



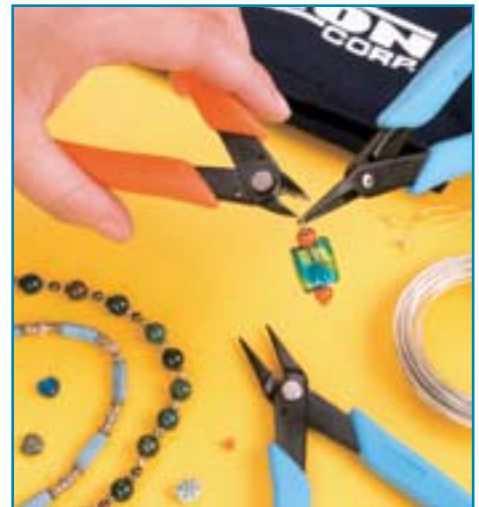
UPC #90120
TK 2200 Model Railroader's Tool Kit

Three timeless tools for any model railroader; our model 2175B Track Cutter, model 410T Sprue Cutter and model 450S Tweezernose™ Pliers (serrated). Tools come packaged in a sturdy trifold pouch to keep them organized and protected. Pouch contains two unused narrow pockets that can hold a tweezer or hobby knife.



UPC #90135
TK 2400
Bead Stringer's Tool Kit

Bead stringers need tools too! This kit contains three basic tools for any beader, at any skill level; model 410 Precision Micro-Shear® Flush Cutter, model 488 Round Nose Pliers and model 450 Tweezernose™ pliers. Tools are packaged in a handy canvas trifold pouch to keep them protected and organized. Pouch contains two unused narrow pockets ideal for storing tweezers or an awl.



UPC #90321
TK 2900 Wire Art Tool Kit

Wire work and chainmaille projects demand these three basic tools; model 2175SH Maxi-Shear™ Flush Cutter, model 485FN Flat Nose Pliers and model 450 Tweezernose™ Pliers. Tools are packaged in a handy canvas trifold pouch to keep them protected and organized.



Easy Reference Chart

Model #	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
410	•	•	•										
410A	•	•								•			
410T	•									•			
420T	•									•			
9100	•	•	•	•	•	•							
9200	•	•	•	•	•								
2175	•	•	•	•	•	•							
2175B	•	•	•	•	•	•		•					
2175ET										•			
2175M	•	•	•	•	•	•		•					
2193							•				•		
440									•				
9180												•	•
9180ET									•				
SS-6													•
501	•	•	•	•	•	•							
505	•	•	•	•	•	•							



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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