

The Sharp Shooter™

Precision Tungsten Electrode Grinder

The Sharp Shooter™ uses an innovative tungsten grinding system to provide accuracy and safety in a compact, yet heavy-duty unit. Its unique design reduces the skill required to allow for easy grinding, flattening, and cutting in an enclosed work area. Vacuum system options are available with HEPA filters in a quality work cabinet.



MOST PRECISE
EASIEST TO USE
SAFEST
RUGGED

FEATURES:

- Smart design streamlines electrode preparation
- Enclosed work area captures dust and protects operator
- Easy operation with electrode wand. No tools required
- No loose electrode guides that produce bad concentricity
- Optional vacuum system with work cabinet
- Trade-in allowance for existing electrode grinders
- Longitudinal diamond grinding—10° to 60°
- Diamond cutting as short as .235" (6mm)
- Tip flat diameter measurement scale.
- Works with .040" - 3/16" (1.0mm-4.8mm) diameters
- Repeatedly prepares the same tungsten geometry.
- Rugged unit is ideal for high production.

The Sharp Shooter™ Tungsten Grinder

Step 1—Set electrode stick out from wand to ensure consistently repeatable tip flat size.



Step 2—Grind electrode with the perfect fit of the wand into its guide for quick and easy work.



Step 3—Insert wand into cut-off fixture, move into enclosed cut-off wheel, flip open to get electrode.



ADVANTAGES

Most Precise

A universal electrode wand holds the electrode securely and at the closest possible proximity to the grinding contact point. This produces concentric grinds not available on other grinders that use electrode guides/bushings with loose fit-up that get even looser after use. The Sharp Shooter™ has no problems with odd sized electrode diameters. Every electrode size is gripped tightly to ensure precision grinding.

Safest

The grinding and cutting areas are enclosed and provide a Plexiglas window for viewing. This keeps potentially harmful dust away from lungs, sparks away from eyes, and fingers free from injury. Safety officers are especially pleased with the design of this equipment.

Easiest to Use

Designed so that anyone can easily grind, flat, and cut tungsten electrodes with repeatable accuracy. There are no complicated adjustments, special tool requirements, or difficult time consuming setups. The wand allows for one-touch grinding, flatting, and cutting.

Rugged Tool

This is not a bench grinder with tooling attached as an after thought. It is custom designed to provide a rugged, dedicated machine tool for accurately preparing tungsten electrodes.

Optional Vacuum System

All-welded steel work cabinet with quiet, integrated 5 micron vacuum filtration system (HEPA 0.3 micron filter also available). One switch turns on/off the grinder and vacuum. After switching the system off, there are three seconds of additional power provided to the vacuum to clean the system.

Technical Specifications (for stand-alone unit)

Line Power:	115V or 208-230V
Output Current:	6.8 Full Load Amps at 115V, 3.4 at 230V with Automatic Overload Protection
Grinder Motor:	1/2 Horsepower (UL Listed)
Weight:	40 lbs. (18.2 kg)
Dimensions:	13"(33cm) H x 12.5"(31.75cm) W x 13"(33cm) D
Diameters:	Accommodates tungsten diameters from .040" to 3/16" (1.0mm to 4.8mm)

Please call Pro-Fusion for details on the vacuum and work cabinet.

Pro-Fusion Technologies, Inc.

10901 McBride Lane, Knoxville TN, 37932.

Phone: 865.671.7682. Fax: 865.671.7686

www.pro-fusiononline.com