

THE QUICKEST AND EASIEST WAY TO PREPARE TUNGSTEN ELECTRODES

Quick & easy setup and operation saves time, eliminates hassles

Proper diamond cutting eliminates risk of electrodes splintering & weld rejections

Manufactured in the U.S.A. Expert service and spare parts are available immediately

Consistently & properly ground electrodes provide optimum, repeatable welding results



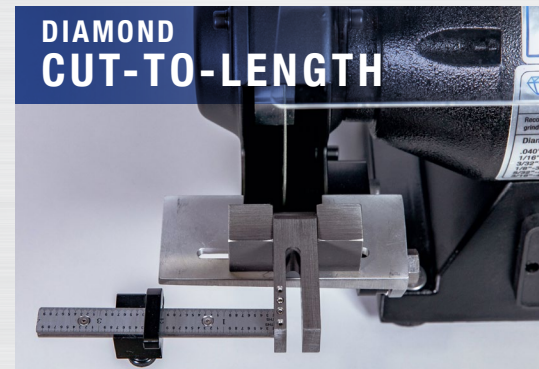
**DIAMOND
GRINDING**

Produces a longitudinally ground taper with a 20RMS finish and a $\pm 1/2^\circ$ angle tolerance.



**DIAMOND
FLATTING**

Produces a diamond ground flat surface at the tip of the electrode.



**DIAMOND
CUT-TO-LENGTH**

Produces smooth diamond cut electrodes on a selectable length scale.

**Not available on DGP-M1 & DGP-M1-V2 models*

***DGP-M2-V2
MODEL SHOWN**



CUT-TO-LENGTH

GROUND TAPER

FLATTING





DGP-M1

Our most economical grinder

Accomplishes process steps 1 & 2:
Flat and Taper grinding

For welders who regrind but don't cut, this product provides an all-purpose wheel on the left instead of the cutting apparatus.

Includes diamond grinding and cutting wheels to accomplish all electrode preparation steps

Cutting apparatus includes adjustable stop & scale to allow users to cut as short as .200" (3mm)

DGP-M2



DGP-M3

A complete system that includes diamond grinding and cutting wheels to accomplish all electrode preparation steps.

Cutting apparatus includes built-in micrometer indexer for quick and accurate cuts of different lengths as short as .200" (3mm)



ACCESSORIES

Vacuum system in insulated cabinet for dust collection
Short collets for grinding short electrodes
Flexible spotlight

FEATURES

No tools required for setup or collet changes
Flat grind and cut most electrodes in 60 seconds or less
Long life, high-quality diamond wheels that are perfect for grinding tungsten
Fine, longitudinal finish on taper grinding to improve arc stability, starting and consistency
Taper angle adjustable from 6°-120° with tolerance of $\pm 1^\circ$
Collets available to grind electrodes for .020" to 3/16" (.5mm - 4.8mm) diameter

APPLICATIONS

Mechanized / Automated TIG & Plasma Welding
Manual TIG & Plasma Welding
Orbital Tube & Pipe Welding

DGP GRINDERS

Dimensions: 19" (L) x 10" (D) x 11" (H) • 483mm x 254mm x 280mm
Weight: 29.5 lbs • 13.4 kg
Voltage: 115 VAC, 60 Hz (standard) • 220 VAC, 50 Hz (option)
Amperage: 3.7 Amps

DGP GRINDERS WITH VACUUM CABINET

Dimensions: 26" (L) x 20" (D) x 44" (H) • 660mm x 508mm x 1,118mm
Weight: 105 lbs • 47.6 kg
Voltage: 115 VAC, 60 Hz (standard) • 220 VAC, 50 Hz (option)
Amperage: 13.1 Amps

PIRANHA II

Compact / Precision tungsten grinder .040" - 3/32" (1.0 - 2.4mm)

PIRANHA III

Heavy duty dedicated tungsten grinder designed for continuous grinding of .040" - 3/16" (1.0 - 4.8mm)

PRE-GROUND ELECTRODES

CNC manufactured high tolerance electrodes for orbital and automatic TIG and Plasma Welding

PREMIUM TUNGSTEN

Thoriated, Lanthanated, Ceriated, Zirconiated, Tri-Mix®, Cryo-T®, Pure & Specialty Materials