



Tungsten Electrode Materials



We maintain a large inventory of premium quality tungsten ready to ship, available in a variety of diameters & materials. These include:

- Thoriated
- Ceriated
- Lanthanated
- Tri-Mix
- Cryo-T
- Pure Tungsten
- Zirconiated

Pre-ground & Re-ground Tungsten Electrodes



Precision CNC grinding & polishing techniques eliminate inconsistencies common with improperly ground tungsten electrodes. High-quality DGP electrodes offer:

- Better arc starting and re-starting
- Increased electrode life
- Reduced arc wander
- Improved weld quality

Piranha Electrode Grinders



Piranha II

The Piranha tungsten electrode grinders provides welders with an easy to use and economical tool to precisely grind, cut and flat tungsten electrodes.

Piranha II

- For tungsten sizes 0.040" - 3/32" diameter. (1.0mm - 2.4mm)



Piranha III

Piranha III

- For tungsten sizes 0.040" - 3/16" diameter. (1.0mm - 4.8mm)

Enclosed work area provides operator dust containment and added safety. Designed to provide years of trouble free operation

DGP Series Tungsten Electrode Grinder



The DGP Tungsten Electrode Grinders provide welders with the industries' most precise and complete "systems" to longitudinally diamond grind, cut, and flat tungsten electrodes.

- For tungsten sizes 0.040" - 3/16" diameter. (1.0mm - 4.8 mm)
- Vacuum cabinet option collects harmful dust and enables one-step disposal
- Cutting assembly option allows precise cut to length for orbital & plasma
- Lasercut tip/flat gauge option enables precise flat size for orbital & plasma

Plasma Welding Torches & Accessories



Diamond Ground Products replacement plasma welding torches, spare parts and accessories last just as long as the original equipment parts they replace but at a savings of 30%-60% when compared to OEM list prices.

Replacement Thermal Dynamics Corp.® 2A Welding Torch
Replacement Thermal Dynamics Corp.® 3A Welding Torch
Replacement Thermal Dynamics Corp.® 4A Welding Torch

Tungsten/Molybdenum Fabrication & Machining



The "Tungsten Electrode Experts" at **DGP** are the industry leader in the grinding and CNC machining of tungsten and molybdenum. **DGP** offers unmatched quality and capability at the lowest prices. **DGP** provides precise and consistent CNC parts from low volumes prototype to high-volume production and from the simplest rods to complex fabrications with the strictest tolerances.

Replacement Grinding & Cutting Wheels



DGP offers a complete line of high-quality grinding and cutting wheels and low-cost replacement diamond grinding wheels for our tungsten electrode grinders. **DGP** grinding wheels are in-stock, and ready to ship immediately. We also have replacement grinding and cutting wheels for competitor's grinders.

Cleaver Blades



DGP replacement cleaver blades for the fiber optic industry are better than or equal to "brand name" blades, but save you 40% to 60% when compared to OEM published list prices. We offer cleaver blades compatible with:

- Alcoa Fujikura® • Sumitomo® • Fitel

Fusion Electrodes



DGP replacement fusion electrodes for the fiber optic industry are better than or equal to "brand name" electrodes, but save you 50% to 60% when compared to OEM published list prices. We offer fusion electrodes compatible with:

- Alcoa Fujikura® • Sumitomo® • Fitel
- Ericsson® • Corning®