Techweld® MultiStrike®
TEG-1000
Tungsten Electrode Grinder

FEATURES

Repeatability points every time
The use of the TEG-1000 Grinder will give repeatable Tungsten Electrode points every time, enabling consistent repeatable arc performance and welding results.

Axial grinding
By grinding the points longitudinally, the TEG-1000 eliminates arc flicker or wander.

Any diameters
Sizes from 1.0 to 3.2 mm can be ground using the multi hole tappet that is part of the grinder. Other diameters and short lengths can be ground by using the appropriate accessory tappets, collets and pin vice.

Return on Investment
The Grinder has been purpose designed and manufactured for the job. The cost saved in grinding wheels alone can provide rapid payback on the small outlay required to purchase this Grinder.

Prolonged Tungsten Electrode life
Savings can be achieved because of the increased life of properly ground Tungsten Electrodes. With the special collet accessory, shorter tungstens can be held, significantly increasing the life time of each Tungsten Electrode before it is discarded.

TIG welding requires Tungsten Electrodes with perfectly ground and polished tips. Huntingdon Fusion Techniques' TEG-1000 provides these, time-after-time, to exactly the same size and shape at low cost.

The diamond wheel grinds the Tungsten Electrodes longitudinally. This prevents arc flicker or wander caused by circumferential lines or ridges found on Tungsten Electrodes, which have been ground incorrectly.

With Tungsten Electrodes ground and polished, mechanised welding can produce identical, repeatable results every time. With manual welding the shape of the Tungsten Electrode is just as important. With a correctly-shaped tip, the arc can be precisely positioned with none of the preferential arcing experienced when using poorly shaped manually ground tips.

The TEG-1000 is a high performance tool that is an essential for every welding workshop where GTAW/TIG, Plasma/PAW or resistance welding processes are used.
MULTISTRIKE® TUNGSTEN ELECTRODES

MultiStrike® Tungsten Electrodes are the only fully traceable tungstens available. Many of our customers report that they perform better than other type of electrodes for the majority of TIG and plasma applications.

MultiStrike® are thoria free and environmentally friendly. When used in automatic and manual welding processes, operators experience less down time and can achieve full weld penetration with less heat input and up to ten times greater arc striking before re-grinding is necessary.

New MultiStrike® Tungstens work just as well on DC welding of steels as well as AC Welding of Aluminium. They perform much better than Zirconiated tungstens and last longer. One MultiStrike® Tungsten can be used for all GTAW/Tig, PAW/Plasma and resistance welding.

Various tappets and collets available for TEG-1000

- British manufactured.
- Quiet in operation.
- Separate on and off switches.
- CE Mark.
- 110 Volt and 220 Volt versions 50/60 Hz.
- Easy wheel replacement.
- Can be retrofitted to the new vacuum unit.
- Bench mounted system.
- Vacuum unit accessory gives safe and clean disposal of dry powder, no wet radioactive sludge to worry about.
- Easy to use collet and angle guide system.
- Integral handle making unit portable and easy to move to different locations.
- A published technical paper is available about tungsten electrode grinding, a copy of which is available upon request.