

# Techweld® MultiStrike® TEG-1000 Tungsten Electrode Grinder



## Frequently Asked Questions

### 1. What is the purpose of the TEG-1000 Tungsten Electrode Grinder?

The TEG-1000 Tungsten Electrode Grinder is a low cost, fast return on investment tool, that will grind repeatable Tungsten Electrode points every time, to exactly the same size, surface finish and shape at a low cost.

### 2. What size Tungsten Electrodes can the TEG-1000 be used for?

Sizes from 1.0 to 3.2 mm can be ground with the tappet provided. Other sizes and short lengths can be ground with the individual collet sets as required.

### 3. Why does the TEG-1000 require a diamond wheel?

The diamond wheel grinds the Tungsten Electrodes' longitudinally and with a much smoother finish than other types of wheels. This prevents arc flicker or wander caused by circumferential lines or ridges found on Tungsten Electrodes, which have been ground incorrectly.

### 4. Can the diamond wheels be fitted to other grinders as replacements?

Our standard diamond wheels will fit both the TEG-3 and the TEG-1000 Tungsten Electrode Grinders.

### 5. What is the return on investment?

The cost saved in grinding materials alone can provide rapid payback for the TEG-1000 Tungsten Electrode Grinder.

In addition because of the softer way that electrodes can be ground on the **TEG-1000** with the diamond wheel, the electrodes are not overheated as they can be with other grinding methods and materials, so they do not split, thus saving on wastage of electrodes.

Using the Collet/Pin Vice accessory, short lengths can be ground, whereas welders tend to discard 50% of the length of each tungsten as they become too short to hold for normal manual grinding methods.

The diamond wheels last many times longer than the 'soft' silicon carbide wheels.

### 6. Where can I purchase the TEG-1000?

Please visit our website, where you can obtain information about our Worldwide Offices to locate your nearest Exclusive Distributor.

### 7. What Tungsten Electrodes would you recommend for the TEG-1000?

The TEG-1000 will grind all standard Tungsten Electrodes for TIG/GTAW, Plasma/PAW and resistance welding.

We highly recommend MultiStrike® Tungsten Electrodes which, to our knowledge, are the only fully traceable tungstens available.

They have no radiotoxic thoria that the red tipped tungsten electrodes have.

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.



TEG-1000 FAQ 17-08-2017 ME