

# MasterPoint Ultimate+Cut

the efficient and safe way of grinding  
and cutting Tungsten electrodes



## Environmentally friendly and safe

ULTIMA-TIG-CUT is an environmentally friendly wet grinder and cutter of Tungsten electrodes for TIG welding, with minimal wastage of the expensive electrodes. ULTIMA-TIG-CUT is constructed with a unique disposable container that automatically collects the toxic dust particles and ensures safe disposal.

## Cutting

The cutter has many setting options, which ensures the precise length needed. ULTIMA-TIG-CUT makes it simple to make electrode tips with the exact angle and precise length for use in any specific TIG welding job, including robotic and orbital welding.

## High quality

Variable angle setting and unique clamping system centres the electrode so that the grinding is carried out correctly in the longitudinal direction of the diamond disc's running surface. A precise angle of the electrode tip is crucial for weld quality and it increases the number of re-ignitions so that the electrode life is extended.

## Simple operation

It is possible to grind and cut the electrode without removing the electrode from the holder. Hence, handling is very simple. Adjust the grinding angle and length once, and produce the same electrode tip again and again.

- Environmentally friendly dust collection when grinding and shortening
- Precise grinding and shortening of electrodes
- Minimal use of electrodes
- Perfect ground angles

## Grinder facts

**Electrode size:** Ø0.8 - 4 mm

**Cutting:** down to 8 mm length

Min. length (grind): 15 mm standard  
(8 mm with special electrode clamps)

**Angles:** 7.5° - 90° grinding angle (equal to 15° - 180° tip angle)

## Technical specifications

**Motor:** 110V-50/60 Hz, 220V-50/60Hz

**Motor effect:** 280W

**Speed:** 8500 rpm

**Grinding speed:** 44 m/sec.

## Standard unit includes

- Complete grinding and cutting machine including table, diamond discs and
- grinding liquid
- Electrode holder  
Electrode clamps for Ø1.6 - 2.4 - 3.2 mm
- electrodes for grinding  
Tip clamps for Ø1.6 - 2.4 - 3.2 mm  
electrodes for cutting (Clamps are available for other diameters)



Precise adjustment of the stick-out.



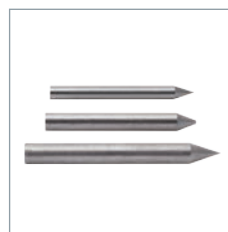
Grind the electrode in the desired angle.



Set the cutting length.



Cut the electrode by turning the handle.



Perfectly ground and cut electrodes.