

# Truncator

Precise truncating of ground Tungsten electrode tips  
Separate module designed for Ultima-TIG, Ultima-TIG-S and Ultima-TIG-Cut



- Precise truncating of Tungsten electrodes
- Eliminates the risk of melting off the tip into the weld, causing contamination
- Ideal for AC welding where it reduces the risk of obtaining an excessive ball at the tip

# Precise truncating of ground Tungsten electrode tips

## Truncator module

Our Truncator is a separate module, designed and engineered for truncating of ground Tungsten electrodes for TIG welding. The Truncator module can be mounted on our well-known Ultima-TIG and Ultima-TIG-Cut grinders. Besides we offer a special version for Ultima-TIG-S.

## For better welding results

There are mainly two reasons to truncate the tip of the freshly ground electrode.

1) In high-current applications, the truncated geometry eliminates the risk of melting off the tip into the weld pool, causing contamination.

2) In AC applications, the truncated geometry reduces the risk of obtaining an excessive ball at the tip. Knowing that an excessive ball causes an unstable arc and might fall and contaminate the weld.

## Easy to use

1. Grind an electrode tip on your Ultima-TIG.
2. Loosen the electrode from the electrode holder and secure it in the adjustment for the Truncator
3. Insert the electrode holder in the Truncator.
4. With the grinder switched on, press the electrode holder in to truncate the electrode tip.
5. Switch off the grinder and remove the electrode from the holder.

The size of the truncated tip can easily be adjusted to any desired diameter.

Special double module with two positions is available, if there is a need for two different electrode tips.

The Truncator also works with AutoGrind Digital mounted on the Ultima-TIG grinder.

## The Truncator module includes

- Truncator module
- Grinding disc for truncating
- Grinder mounting screws (for mounting on the grinder)

## NOTE!

For mounting on older versions of Ultima-TIG/-S/-Cut (serial no starting with 2036 or lower) you need two extra holes on the front of the grinding module. A toolset with drill and thread tap or a new grinding console can be ordered with the following item numbers:

	Item no.
Toolset with drill and tap	75523030
Grinding console	44520000
Grinding console complete	75523020

## Main features of truncator module

- Precise truncating of Tungsten electrodes
- Various positions on the grinding disc
- Eliminates the risk of melting off the tip into the weld, causing contamination
- Ideal for AC welding where it reduces the risk of obtaining an excessive ball at the tip

## Grinder Model

Grinder Model	Truncator	Item no.
Ultima-TIG	Single	75523010
Ultima-TIG-Cut	Single	75523010
Ultima-TIG-S	Single	75523011
Ultima-TIG	Double	75523012
Ultima-TIG-Cut	Double	75523012
Ultima-TIG-S	Double	75523013



Truncator single module for Ultima-TIG and Ultima-TIG-Cut.



Truncator double module for Ultima-TIG and Ultima-TIG-Cut.



Truncator single module for Ultima-TIG-S.



Truncator double module for Ultima-TIG-S.



# ARES AUTOMATION

Steven Dunsmuir  
 Director/Weld Automation Specialist  
 Ares Automation Ltd  
 +44 (0) 7903 062 068  
 www.aresautomation.co.uk

Regd. SC 714260  
 VAT-404 8410 24