

TIG GRINDER & TIG GRINDER MOBILE

/ Tungsten-electrode dressing units



/ The Fronius TIG Grinder and TIG Grinder Mobile dress TIG electrodes to a high professional standard, using longitudinal grinding and making optimum use of the grinding disc. Both units are self-contained, to protect the welder from harmful grinding dust.

TIG GRINDER

/ This fixed dressing station has a self-contained system that lets it 'keep the grinding dust to itself'. The wet grinding process using a diamond grinding disc, and the high grinding speed, give the TIG electrodes a smooth, polished surface – for perfect welding results.

TECHNICAL DATA	
Mains voltage	230 V / 50 - 60 Hz
Power rating	1800 W
Rotational speed	10,000 rpm
Grinding angle	20° to 180°
Dead weight	12.8 kg

- / TIG electrodes can be dressed and cut to length in a single device
- / 3 grinding positions, for optimum utilisation of the diamond grinding disc
- / Perfect longitudinal grinding
- / Digital angle display, for exact parameters that can be set identically every time
- / The collection container is easy to remove, risklessly and without needing tools
- / The following electrode diameters can be selected as standard: 1.6 / 2.4 / 3.6 mm.
- / Optionally available: 0.8 / 1.0 / 2.0 / 4.0 / 4.8 mm.
- / For extreme custom applications, grinding options are also available for 5.0 / 6.0 / 7.0 and 8.0 mm electrode diameters on enquiry.



TIG GRINDER MOBILE

/ This portable version of the electrode dressing unit is very versatile and user-friendly. It is also completely self-contained, to prevent any harmful grinding dust getting out into the environment.

/ 3-way grinding-disc adjustment:

The adjusting ring on the grinding head ensures that maximum use is made of the diamond grinding disc.

/ Six-way utilisation:

The grinding disc can be used on both sides, in 3 different positions on each side.

/ Reproducible grinding results:

A precision grinding result every time, with uniform longitudinal grinding

/ Multifunctional:

Is ideal for face-grinding electrodes to free them from welding spatter, and for preparing conical electrode-tips for special applications. A new guide element lets users insert electrodes exactly in the vertical, for an optimum result.

/ Electrode diameters:

Can be selected as standard: 1.6 / 2.0 / 2.4 / 3.2 mm.
Optionally available: 1.0 / 4.0 / 4.8 / 6.0 mm.

/ Orbital Set:

This makes it possible to dress tungsten electrodes of up to 15 mm in length.



TECHNICAL DATA	
Mains voltage	230 V / 50 - 60 Hz
Power rating	500 W
Rotational speed	27,000 rpm
Grinding angle	20° to 60°
Dead weight	1.98 kg

/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible - our more than 850 active patents are testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

v02 Feb 2014 EN

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