



...❖ Transportable tool

ESG Plus

Tungsten Grinder

The powerful Hand-Tungsten-Grinder for grinding, facing and cutting

The best solution for a precise and fast preparation of tungsten electrodes.

One machine – complete electrode preparation:

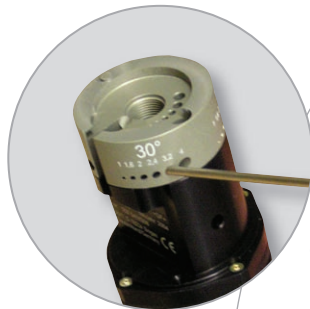
- Grinding electrodes:
 - 4 different angles
 - 6 different electrode sizes
- Facing electrodes
- Cutting electrodes

Advantages:

- Highest angle accuracy
- Transportable
- Ergonomic design
- Non-stop action possible

Your benefits:

- Perfect preparation for orbital as well as hand welding
- High flexibility
- High productivity
- Less energy-consuming
- No tool change



...❖ For preparation of tungsten electrodes
Ø 1.0 - 4.0 mm

Exchangeable **diamond grinding wheels** for optimal performance.
Standard: **Code 790 052 487**
Rough: **Code 790 052 488**

Cutting device to cut tungsten electrodes to length.
Code 790 052 513

Electrode holder without clamping collet. **Code 790 052 457**

Flexible clamping collet to center the electrode in the holder. For easy grinding of smaller electrodes Ø 1.0 - 3.2 mm
Code 790 052 481

For stationary ESG Plus set-up:
Wall-/table-/vice-mounting plate
Code 790 052 483

Double-Decker Kit:
Easy to mount to the ESG Plus. Possibility to use 2 different grinding wheels at the same time on one ESG Plus (790 052 488 and 790 052 487 for scrubbing and smoothing).
Code 790 052 490

Tungsten Grinder

Technical data

ESG Plus

Dimensions (with gear)	Ø 65 x 350 mm (Ø 2.560 x 13.780 inch)
Machine weight approx.	1.4 kg
Power	500 W
Power-on time	100 %
Rotary speed	30.000 rpm
Voltage versions	230 V, 50/60 Hz EU, Code 790 052 485 or 110 V, 50/60 Hz US, Code 790 052 486
Main supply cable (length)	3 m
Vibration level according to EN 28662, Part 1	< 2.5 m/s ²
Noise level in the workplace	Idle running approx. 83 dB (A)

Working range

Electrode-Ø	1.0 / 1.6 / 2.0 / 2.4 / 3.2 / 4.0 mm (0.040 / 1/16 / 0.080 / 3/32 / 1/8 / 5/32 inch)
Grinding angles	15° / 18° / 22.5° / 30°
Materials	Tungsten electrodes including Zirconium, Lanthan and Cerium. Important: Not to be used for tungsten electrodes containing Thorium without suction device.

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult our general conditions of supply.

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