



...❖ 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:

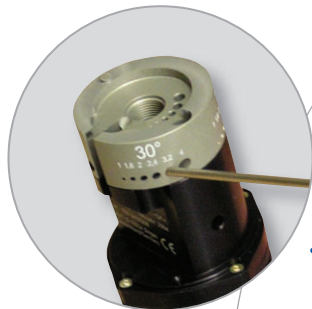
- Grinding electrodes:
 - 4 different angles
 - 6 different electrode sizes
- Facing electrodes
- Cutting electrodes

Advantages:

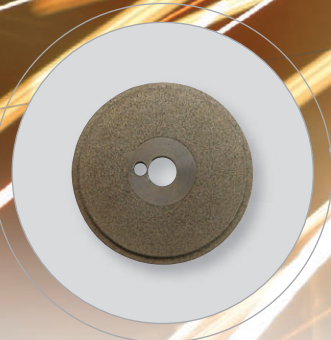
- Highest angle accuracy
- Transportable
- Ergonomic design
- Non-stop action possible

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**



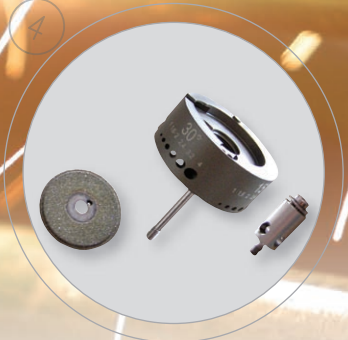
Cutting device to cut tungsten electrodes to length.
Code 790 052 513

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 \varnothing 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) | \varnothing 65 x 350 mm (\varnothing 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 | $< 2.5 \text{ m/s}^2$ |
| Noise level in the workplace | Idle running approx. 83 dB (A) |

Working range

| | |
|--------------------------|---|
| Electrode- \varnothing | 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 Hoover. |

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