

Turbo-4

TUNGSTEN ELECTRODE GRINDER

◆ Safe ◆ Compact ◆ Affordable

Provides all the features necessary for general purpose Tungsten electrode grinding.

Turbo-4 Electrode Grinder Benefits

- **Safety:** Enclosed grinding area protects fingers from abrasions, eyes from sparks, and lungs from dust.
- **Weld Quality:** Improved arc starting and increased arc stability. Reduction of Tungsten shedding minimizes the possibility of Tungsten inclusions in the weld. Correctly ground electrodes also offer more consistent weld penetration.
- **Increased Production:** Longer arc time before electrode wear or contamination keeps welders more efficient.
- **Value:** The Turbo-4 grinder provides more features and capabilities than any other electrode grinder in the same price range.

Why Use a Dedicated Tungsten Electrode Grinder?

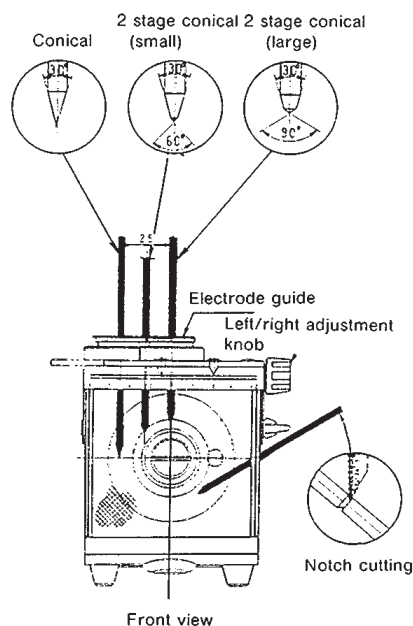
- A dedicated electrode grinder helps ensure that the welding electrodes will not become contaminated by residue or material left on a shop grinder wheel.
- A Tungsten electrode grinder requires less skill to ensure that the electrode is ground correctly and consistently.

Turbo-4 Electrode Grinder Features

- Compact stable unit with durable machine design and construction. No vibration. Many built-in features.
- Longitudinal grinding for maximum arc stability.
- Measurement scales for managers to create specifications for setup and grinding repeatability. Provides easy adjustment of electrode position.
- Universal electrode collet handles many electrode sizes.
- Handles a wide range of included angles.
- Offers the ability to grind compound angles.
- Electrode notching operation for simple cut-off.
- Grinds short electrodes.
- Measurement scale for shorter electrodes using optional short electrode tool.
- Detailed manual includes engineering data and welding recommendations.

Specifications

Range of Included Angles	.5° to 60°
Collet Diameters	.040", 1/16", 3/32", 1/8" (1.0, 1.6, 2.4, 3.2mm)
Minimum Electrode Length	1.75" (45mm) <i>(grinding shorter electrodes possible with collet accessory)</i>
Voltage	.AC 100/110V 50/60 Hz
Power Rating	.60/70 Watts
Dimensions	
Length	.7.00" (178mm)
Width	.4.25" (108mm)
Height	.4.75" (121mm)
Weight	.4.0 lbs (1.82 kg)



Also Available

- **Full-Feature Precision Tungsten Grinders** - In addition to the vital safety feature of having an enclosed work area, these high precision heavy-duty grinders offer the ability to grind electrodes to high accuracy specifications, prepare exact tip flats, and precisely cut electrodes to length.
- **Pre-Ground Electrodes** - By choosing Pre-Ground Electrodes, welders eliminate operator grinding variances and remove many common problems from their process. They achieve consistency and reliability characterized by improved arc starting and arc stability, minimization of tungsten shedding and thus weld inclusions, more consistent weld penetration, and longer electrode life.
- **Plasma Welding Torches** - A line of new technology plasma welding torches that expand upon the strengths of the plasma process and eliminate the weaknesses of existing torches.

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