Neutrix

Portable grinding machine for Tungsten electrodes

- Replaceable dust filter with dust collector
- Triple use of the diamond disc
- Minimal waste of electrodes when grinding
- Grinding electrodes as short as 15 mm

inelco grinders
The way to grind

NEUTRIX - hand-held Tungsten grinder with an integrated dust filter and dust collector

Effective
NEUTRIX is a handheld and portable grinding machine that fulfils the requirements for safe and environmentally friendly grinding of Tungsten electrodes in high quality for TIG and plasma welding. Grinding in the longitudinal direction of the electrode, variable grinding angle, three grinding positions on the diamond disc and the electrode holder ensure efficient grinding.

Mobile and safe
The storage case and low weight make NEUTRIX ideal where there is a need to take the grinder with you. At the same time, the NEUTRIX, is equipped with an integrated dust filter that protects against the harmful grinding dust and collects the dust for safe disposal.

Short electrodes
NEUTRIX can grind electrodes down to lengths of 19 mm and even 15 mm with a special clamp, for example for orbital welding. The inspection cover on the grinder makes it easy to follow the grinding process and to ensure that the electrode is not generating sparks during grinding. This avoids the electrode being damaged by high temperatures.

Simple operation
Insert the electrode in electrode holder and lock it in the stick-out. Set the variable degree scale at the desired angle. Place the electrode holder in the grinder. Start the grinder and rotate the holder until it reaches the stop and the grinding is finished.

Grinder facts
Electrode size: Ø0.8 - 4 mm
Min. length: 19 mm standard (15 mm with special electrode clamps)
Angles: 15° - 180° tip angle
(7.5° - 90° grinding angle)

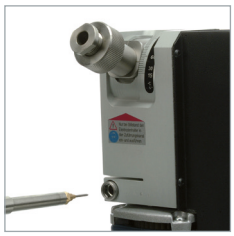
Technical specifications
Motor: 110V-50/60 Hz, 220V-50/60Hz
Motor effect: 850 W
Weight: 2.8 kg
Speed: 8,000 - 22,000 rpm.
Grinding speed: 28 - 50 m/sec.

Standard unit includes
- Complete grinder with diamond disc, filter and storage case
- Electrode holder
- Electrode clamps for Ø1.6, 2.4 and 3.2 mm electrodes (clamps are available for other electrode sizes).

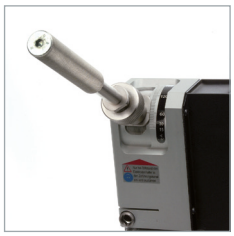
Extra accessories
- Foot for mounting on a work table
- Electrode clamps for all electrodes from Ø0.8 - 4.0 mm
- Electrode clamps for grinding extra short electrodes

Main features of Neutrix

- Sealed grinding chamber and dust filter to protect the user
- Variable angle setting gives more flexibility
- The 3 positions of the diamond disc give optimal utilisation
- Electrode holder ensures centring of the tip and reduces electrode waste
- Inspection cover so you can follow the grinding process
- Powerful motor with speed adjustment



Precise adjustment of the electrode's stick-out.



Adjustable tip angle from 15-180°.

Integrated dust filter, that is easy to change.

* NEUTRIX is patented, CE marked and meets all current EU regulations.

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