Neutrix®

WATG 90.1 KOM

the tungsten grinder

Setting higher standarts

- grinding in longitudinal direction

- stepless angle setting

- triple use of the grinding disc

- integrated dust extraction

- cone stump grinding possible

- running time 100%

- less dust

- able to grind tungsten electrodes as short as 15mm

- deburring for ac-welding

With the Neutrix WAG90.1MAX a stationary tungsten grinder was developed which guarantees reproducible quality sections of tungsten electrodes for WIG, Plasma and orbital welding. It meets the requirements of environmental protection.
The special feature of the device, is to grind a variable cone stump under the same and reproducible condiotions.
With the integrated cutting unit, you can cut tungsten electrodesfrom a length 3mm-85mm.

electrode-diameter: 1,0 to 5,6 mm standard
                            6,0 to 8,0 mm optional


guideline values for electrode-diameter of 2,4mm:

grindingangle	15°	30°	45°	60°	75°
welding current	10-50A	20-90A	30-140A	50-180A	80-230A

A cone stump at the top of the electrode improves the ignitionand the performance of the grinded electrode.
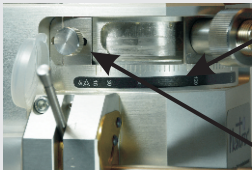
At the scale the angle can be adjusted stepless.
Grinding angle of 7,5 ° to 90 ° arise a tip angle of 15 °to 180 °

The angle stop (W) allows a reproducible grinding under same conditions from 15° to 75°.
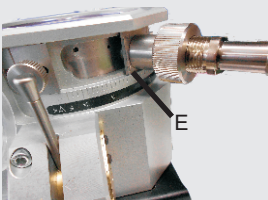
The excentric plate (E) enables the triple use of the diamond disc on different grinding orbit
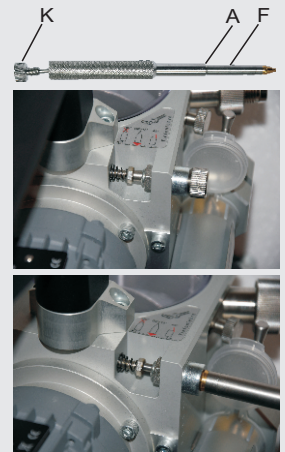

The exact guide (F) an the stop (A) on electrodeholder ensures a precise longitudinal grinding .

The basic setting of the depthgauge is reached by calibrationscrew (K)

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The pre-set dephtgauge allows an economic grinding of the electrode tip (minimal consumption of the electrode, short grinding time, less dust and low wear of the diamond disc).)

Through an inspection glass the grinding process can be observed and the grinding pressure checked.This is to prevent a glowing of the electrode and the diamond disc not to wear out quikly.

The integrated dust extraction and the exchangeable dust filter are another special feature of the device. They were adapted to the requirements for health and safety.
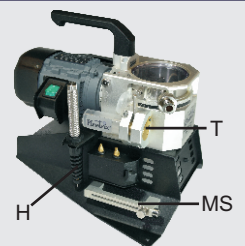
With the setting gauge you can adjust the length of the electrode.The operation is repeatable for electrodes from 3mm to 85mm.

Cuttin unit (T). You can cutt the electrodes to the desired length.
The cutted electrode is located in the collecting container (A)
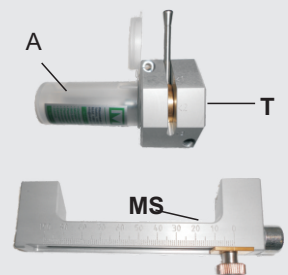
A solid base stabilizes the device during the grinding process.

The Neutrix carries a CE mark, satisfies all applicable EU regulations and is patented.

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Typ WAG90.1KOM
technical data:

art. nr.: 55200

power PI:	120 W
power supply:	230 V/ 50 - 60 Hz
duty cycle:	100 %
RPM:	2.950 min^{-1}
Lpa sound pressure:	62,0 dB(A)
vibrationvalue:	2,8 m/s²
electrode-diameter:	1,0 mm to 8,0 mm
electrode-length:	from 175 mm tp 15 mm
filtercassette:	disposal filter (Typ 8511 K1.H12)
dustcontainer:	100 x 90 mm
diamonddisc:	ø 90 mm
diamond-cuttingdisc	ø 50mm
weight:	12,1kg

scope of delivery:
Neutrix WAG 90.1KOM
electrodeholder
clamp for electrode ø 1,6 mm
clamp for electrode ø 2,4 m
clamp for electrode ø 3,2 mm
allen key 4 mm
wrench 13/17
wrench 8/10
cleaning brush
disposalbag for filter
suction cup
operation manual

accessory:
clamp for electrode ø 1,0 mm art. nr.: 55-00-21910
clamp for electrode ø 2,0 mm art. nr.: 55-00-21920
clamp for electrode ø 3,0 mm art. nr.: 55-00-21930
clamp for electrode ø 4,0 mm art. nr.: 55-00-21940
clamp for electrode ø 4,8 mm art. nr.: 55-00-21948
clamp for electrode ø 5,6 mm art. nr.: 55-00-21956

optional accessories:
clamp for elektrode ø 6,0 mm- 8,0 mm
special electrode holder
special clamp for tungsten electrode 15 mm lenght

service-kit   art. nr.: 55-00-90002
Neutrix WAG90.1 KOM consisting of:
1 tube grease FDA-G2
1 dustcontainer
1 diamonddisc
1 diamond-cuttin disc
1 filtercassette
1 suction cup
1 cleaning brush
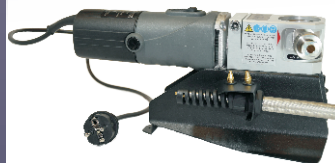1 operation manual

Neutrix® - developments

Art.-Nr. 44070
WAG40

Art.-Nr. 54070
WAG40 S

Art.-Nr. 54071
WAG40 SW

Art.-Nr. 59000
WTG 50

Art.-Nr. 55100
WAG90.1MAX

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