

## HORIZONTALLY MAGNETIC PARTICLE WORKSTATION

# MINIMAG + MAGMAN 1500 A

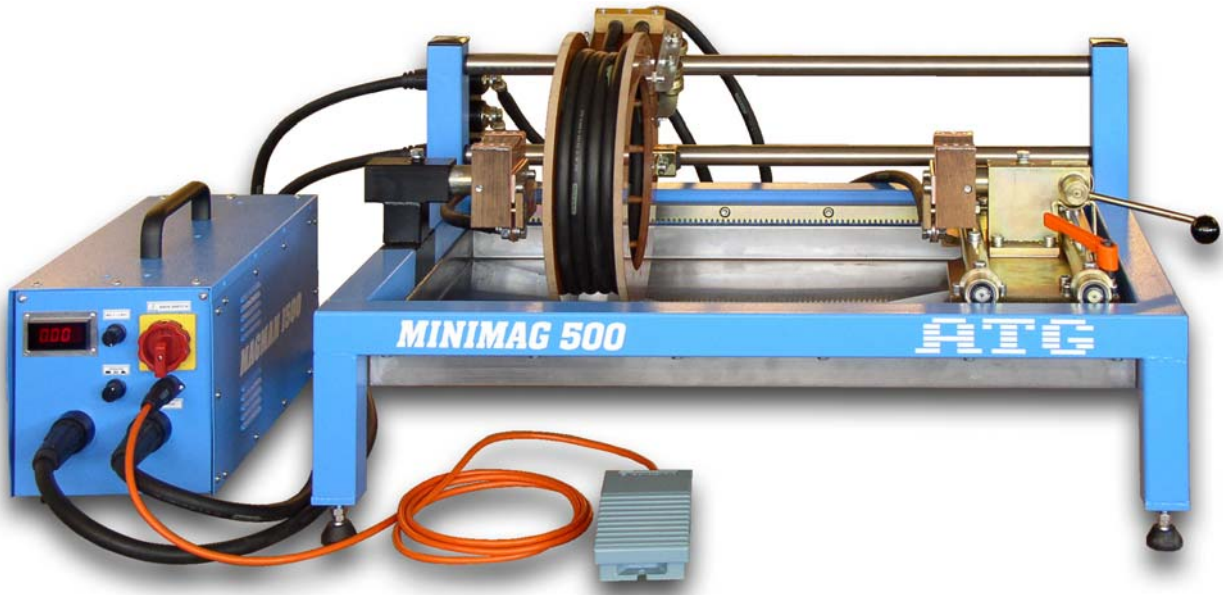


Table-top type workstation

Horizontally magnetic particle benches *MINIMAG* series are intended for non-destructive testing of ferromagnetic steels and irons by magnetic particle method. The equipments are designed for connecting of current generators *MAGMAN* series, type *A* (AC current) or *H* (HW current). Table-top design of workstation and portable current generator allows easy transport.

### Possibilities of the MINIMAG:

- Circularly (current) magnetization by direct flow through part or by auxiliary conductor
- Longitudinally (lengthwise) magnetization by coil

### Basic description:

- Design *table-top* or *stationary* with the rack for generator
- Clamping length from 50 up to 520 mm
- Maximum load 50 kg (25 kg on one brace)
- Dimensions 1000 x 700 x 550 mm, weight 85 kg
- CuSn wire-netting exchangeable contacts for circularly magnetization
- Current generator *MAGMAN 1500 A*
- AC circularly magnetization max. 1100 A
- Movable coil 4 turns of 95 mm<sup>2</sup> cable, diameter 250 mm
- Intensity of magnetic field at centre of the coil  $H = 7,4 \text{ kA/m}$  at 600 A (2,4 kAT)
- Manually switching between circularly and coil magnetization by switch-over of connector
- Feeding 1+N+PE 230 V – 50 Hz, power consumption 3,4 kVA

### Option, accessories:

- UV lamps, UV meters, Luxmeters, Gauss-Tesla meters, gauges, ASTM centrifuge tube
- *SPRINKMAN* - the stainless tanks on 15 litres or 40 litres of suspension, hand hose, pump 90 VA, feeding 3+PE 400 V - 50 Hz
- Powders, concentrates and suspensions *CHEMETALL*, *ARDROX*, *FRAMAGNETO*