

STATIONARY MAGNETIC PARTICLE TESTBENCH

UNIMAG 1200 AC-DC Aerotester



Basic description:

- Clamping length between the poles from 1200 mm; as option to 5600 mm, maximum load 300 kg, more as option
- Stroke of pneumatic valve 25 mm, manually poles adjustment
- PLC control system, setting by touch screen and keyboard
- Three phase FWDC 4000 A, as option to 10 000 A, AC 2500 as option to 6000 A
- Manually movable coil \varnothing 410 mm (16"), parking position out of clamping space
- Signalling deviation \pm 10% of presetted current value
- Timers for magnetisation shot and wetting 0,5 - 10 sec; setting number of shots
- AC demagnetization by decreasing curve (2 sec.)
- Duty cycle (intermittent) 30 %
- Manual/automatic process control
- Electropneumatic switching between circularly and lengthwise magnetization
- Ink system with 40 litres stainless steel reservoir, pump 90 VA, hand hose spraying
- Feeding 3 + PE 400 V - 50 Hz, power consumption 50 kVA

Option:

- DC demagnetization 30 steps
- Coils from \varnothing 305 mm (12") to \varnothing 610 mm (24")
- Added braces for 1000 kg or 2000 kg weight of tested part
- Manually rotation of the tested part
- Dark cabine, UV lamps, UV meters, light meters (Luxmeters), Gauss/Tesla meters, MTU gauges, Berthold's gauges, centrifuge tubes
- Coils / tunnels for demagnetization, conveyors