

# UNIMAG 3000 AC/AC

Stationary magnetic particle bench

MT



## DESCRIPTION

- Clamping length between the poles 3050 mm, stroke of pneumatic valve 2x 25 mm, mechanically poles adjustment
- Weight of tested parts up to 750 kg
- Rollers with motorized rotation
- PLC control Siemens Simatic S7
- Presetting of current for coil and circular magnetization
- Current (circular) AC magnetization 4200  $r_{m.s}$  (effective value), TRMS measurement
- By motor movable AC coil  $\varnothing$  406 mm
- Signaling deviation  $\pm$  10% of preset values for both circuits
- AC demagnetization by decreasing curve (cca 2 sec.)
- Duty cycle (intermittent) 30% (as option 60%)
- Manual/automatic process control
- Possibility of multidirectional magnetization by phase angle shift
- Ink system with 40 liters stainless steel reservoir, pump 390 VA, both-side shower rings
- Feeding 3 + PEN 400 V - 50 Hz, power consumption 80 kVA

## OPTIONS

- Dark cabin, UV lamps, UV meters, Luxmeters, Gauss/Tesla meters, MTU gauges, Bertholds/ASTM gauges, centrifuge tubes
- Coils/tunnels for demagnetization, conveyors

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