

MAG 20

MPI Test Bench Unit

The Magnaflux MAG 20 test bench is a self-contained, low-cost unit that detects and locates fatigue cracks or processing defects using the 'wet continuous' method of magnetic particle inspection.

A light/medium duty machine, the MAG 20 is ideal for machine shops, tool rooms, foundries and similar plants where low-volume testing of ferrous components is required.



FEATURES

- Can inspect components up to 550 mm in length.
- Current output up to 1,000 Amp AC
- Infinitely variable
- Stainless steel tank

All units carry the CE mark and conform to the appropriate EU directives.

USER RECOMMENDATIONS

Accessories	
	Magnetic Flow/Coil Test Piece (026T002)
	Current Flow Test Pieces (026T001, 026T003, 026T004)
	Calibrated Field Indicators (008M002, 505056)
	Contact Pads and Plates (031C010, 031C012)
	GD 20 Magnaglo hood (011H004)

PART NUMBER

007E045

PRODUCT PROPERTIES

Magnetising current output	1,000 Amps AC RMS
Coil output	4,500 Ampere turns max. AC RMS
Coil diameter	150 mm (internal)
Maximum component length	550 mm
Current control	Infinitely variable non-sinusoidal
Typical duty cycle	1.5 seconds 'ON', 15 seconds 'OFF'
Mains electricity supply requirements	220 or 240 Volts, 50 Hz, 1 Ph
Line current draw for duration of maximum current shot	30 Amps
Recommended external fuse size	20 Amps
Mains input cable size	4 mm ² (15 m maximum length)
Tank capacity	18 litres
Floor area	760 x 915 mm (with GD hood) 760 x 600 mm (without hood)