

MAG 50 Series

MPI Test Bench Unit

The MAG 50 series of test bench units are heavy-duty machines designed for the inspection of ferrous components. There are numerous options in both ranges and all units come with separate power packs and stainless steel tanks.



PRODUCT PROPERTIES

	50/3H	50/5H
Maximum output current	3,000 Amps and Half Wave DC	5,000 Amps and Half Wave DC
Line current draw for duration of maximum current shot	170 Amps	270 Amps
Demagnetisation	Decaying AC	Decaying AC
Typical duty cycle	1.5 seconds 'ON', 15 seconds 'OFF'	1.5 seconds 'ON', 15 seconds 'OFF'
Mains electricity supply	380 or 415 Volts, 50 Hz, 1 Ph	380 or 415 Volts, 50 Hz, 1 Ph
Current control	Infinitely variable	
Magnetising coil	300, 400, 500 and 625 mm (other sizes available on request)	
Compressed air line	Minimum 5 bar (customer to provide regulator)	

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

USER RECOMMENDATIONS

Accessories:

- Steady Rests (20978A1, 20955A3)
- Small Parts Adaptor (030C009)
- Magnetic flow (flux) heads (on request)
- Magnaglo hood (011H018, 011H019, 011H020)
- Air pressure regulator and gauge (004P144)
- Rear hardwood grille (007G019)

PART NUMBERS

MAG 50/3H/15	007E224
MAG 50/3H/20	007E225
MAG 50/3H/25	007E226
MAG 50/5H/15	007E228
MAG 50/5H/20	007E229
MAG 50/5H/25	007E230

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DIMENSIONS

Unit	Max. component length (mm)	Dimensions (mm)									Tank height (mm)	Power pack height (mm)	Tank capacity
		A	B	C	D	E	F	G	H	I			
MAG 50/___/15	1,500	2,250	775	2,650	1,500	200	200	300	850	750	1,060	1,370	50 litres
MAG 50/___/20	2,000	2,820	775	3,220	1,500	200	200	300	850	750	1,060	1,370	60 litres
MAG 50/___/25	2,500	3,295	775	3,695	1,500	200	200	300	850	750	1,060	1,370	70 litres

