

MAG 50 and 50/FR Series

MPI Test Bench Unit

The Magnaflux MAG 50 and MAG 50/FR 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.

MAG 50



MAG 50/FR



PRODUCT PROPERTIES

	50/3H	50/5H	50/6FR	50/10FR	50/15FR
Maximum output current	3,000 Amps and Half Wave DC	5,000 Amps and Half Wave DC	6,000 Amps, Full Wave DC	10,000 Amps Full Wave DC	15,000 Amps Full Wave DC
Line current draw for duration of maximum current shot	170 Amps	270 Amps	110 Amps	340 Amps	440 Amps
Demagnetisation	Decaying AC	Decaying AC	Reversing DC	Reversing DC	Reversing DC
Typical duty cycle	1.5 seconds 'ON', 15 seconds 'OFF'	1.5 seconds 'ON', 15 seconds 'OFF'	1 second 'ON', 10 seconds 'OFF'	1 second 'ON', 10 seconds 'OFF'	1 second 'ON', 30 seconds 'OFF'
Mains electricity supply	380 or 415 Volts, 50 Hz, 1 Ph	380 or 415 Volts, 50 Hz, 1 Ph	380 or 415 Volts, 50 Hz, 3 Ph	380 or 415 Volts, 50 Hz, 3 Ph	380 or 415 Volts, 50 Hz, 3 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.