

MagTest MY-2



The MagTest MY-2 Electromagnets comply with BS EN ISO 9934-3:2002 and ASTM 1444-01.

The new MY-2 is the smallest and lightest electromagnetic yoke currently available. It is a handheld instrument with powerful AC magnetising, adjustable poles and single handed operation. It's small size makes the MY-2 ideal for inspecting different geometries, welds, castings and on-site inspection/repairs, especially where there is limited access. Encapsulated in a rugged rubber housing that makes it extremely durable.

The MY-2 offers a unique *quick change* of the two legs.

Features include:

- Power AC magnetic field
- Super lightweight (approx. 2.2Kgs)
- Rugged and reliable
- Dual length articulated legs
- Comfort grip handle
- One year warranty of assured manufacturing quality
- Available for 230V AC or 115V AC operation

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SPECIFICATION COMPLIANCE: BS EN ISO 9934-3:2002 and ASTM 1444-01	
Cross-sectional Dimensions of the Poles	20 x 20mm
Recommended Pole Spacing	
Maximum Smax	165mm
Minimum Smin	60mm
Tangential Field Strength, H1	
At Smax	2.5KA/m (typical)
At Smin	7.4KA/m (typical)
Electrical Supply	
Voltage	230V AC or 115V AC
Power	575 watts
Frequency	50/60 Hz
Cable Length (plug not fitted)	4 metres
Current Waveform	Sinusoidal
Method of Current Control	AC mains
Duty cycle at maximum output	> 25%
Maximum Current ON Time	30 seconds
Dimensions	200 x 155 x 50mm
Weight	2.2Kg
Ingress Protection rating	IP52
For reference, the minimum requirements of EN ISO 9934-3(E) are:	
Duty Cycle > 10%	Exceeds
Current ON Time > 5 seconds	Exceeds
Surface Temperature of Handle < 40°C	Complies
Tangential Field Strength at Smax > 2KA/m (rms)	Exceeds
Lifting Force > 44N	Complies