

- Choice of 5 models
- Demagnetising Capability
- Weighs only 3.5Kg
- Articulated Legs with 25 x 25mm Pole Area
- Exceeds specific lift Weight requirements

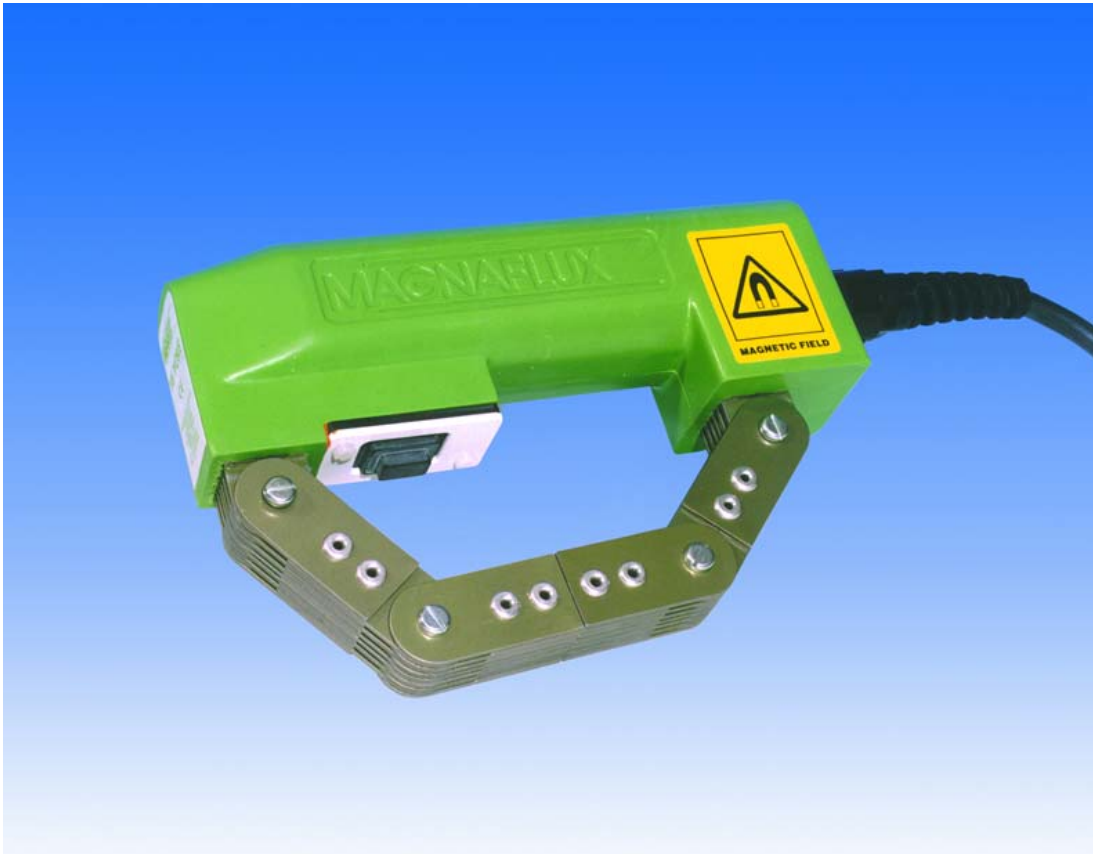
## MAGNETIC PARTICLE INSPECTION EQUIPMENT

### ELECTRO MAGNETIC UNITS Y6 SERIES YOKE

The lightweight, encapsulated Magnetic Yoke is used for the detection of surface cracking in any ferro-magnetic material.

Division of ITW Ltd

**MAGNAFLUX®**



The Y6 Kit consists of Y6 Black Magnetic Ink, White Contrast Paint, Wire Brush and Wiper. All contained in a strong, attractive carrying case.

## MAGNETIC PARTICLE INSPECTION EQUIPMENT

# ELECTRO MAGNETIC UNITS Y6 SERIES YOKE

The Y6 Yoke combines low cost, light weight (3.5 kg) and leg adjustability, creating one of the most versatile pieces of magnetic particle equipment available.

Poles are adjustable from 25 mm to 250 mm making the equipment ideal for inspecting components of different geometries.

Single-handed operation, it is widely used in the testing of welds, automotive components, steel and grey iron castings and for in-plant inspection and repair.

### Specification and Operating Data

AC Voltage		42	48	110	115	230
Frequency		50 Hz	50 Hz	50 Hz	60 Hz	50 Hz
DC Voltage		-	-	12	-	12
Supply Current (amps) in air	AC	15	13	3.5	3.5	2
	DC	-	-	8.5	-	2.5
Weight (kg) Lifted at 140 mm Pole Spacing	AC	10.5	10.5	10.5	10.5	10.5
	DC	-	-	32	-	32
AC Tangential Field Strength in kA/m at the central point between the poles on a 500 x 250 x 10 mm steel plate						
Pole Spacing	35 mm					12 kA/m
	140 mm					2 kA/m
	250 mm					1.4 kA/m

The Y6 Series Yoke carries the CE Mark which is a legal requirement when it is to be used in a European Community Country



The light source and leg assembly, which is activated by the magnetic field, it switches on automatically during testing. Ideal for darker corners. **Pt No 002L115**

CERTIFIED TEST LIFT WEIGHTS are available for both AC/DC

AC Test Weight (4.5Kg) **Pt No 026T018B**

DC Test Weight (18 Kg) **Pt No 026T018A**

**MAGNAFLUX®** A Division of *ITW* Ltd.

Faraday Road, South Dorcan Industrial Estate, Swindon SN3 5HE, Wiltshire. U.K.

Email [sales@magnaflux.co.uk](mailto:sales@magnaflux.co.uk) [www.magnaflux.co.uk](http://www.magnaflux.co.uk)

Tel. No. 01793 524566 Fax. No. 01793 619498

3624 West Lake Avenue. IL, 60025. U.S.A. [www.magnaflux.com](http://www.magnaflux.com)

Tel. No 847- 657- 5300 Fax. No. 847- 657- 5388