

- ◆ AC & DC Fields
- ◆ Demagnetising Capability
- ◆ Weighs only 3.5 Kg
- ◆ Articulated Legs
- ◆ Pull Force 27Kg

MAGNETIC PARTICLE INSPECTION EQUIPMENT

Y7 ELECTRO MAGNET

Versatility and powerful performance in a lightweight yoke, providing either AC or DC magnetic fields in ferro-magnetic materials



MAGNETIC PARTICLE INSPECTION EQUIPMENT

Y7 ELECTRO MAGNET

APPLICATIONS

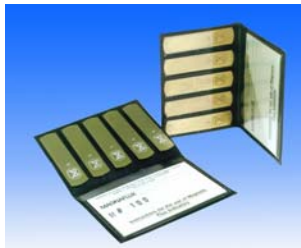
The Y7 Yoke's rugged construction and high performance make it ideal for hand-held magnetic particle inspection when performance and reliability of test equipment is critical.

The Y7 Yoke provides either a constant AC field to reveal surface defects or Pulsed DC field for revealing both surface and near-surface defects.

Specification and Operating Data

| | | |
|---------------------|--|------------------------------|
| Power Source | 220/240v, 50/60 Hz AC Supply | 110/120V, 50/60 Hz AC Supply |
| Current Draw | 2 Amps | 4 Amps |
| Mechanical Capacity | Maximum-Minimum distance across poles 0-300mm | |
| Magnetic Field | AC-Constant Level, DC-Pulsed. | |
| Pull Force | Approx. 27Kg. Flux density 1 Tesla at 100mm pole spacing | |

Units carry the C E mark and conform to the appropriate European Union Directives



MAGNETIC INDICATOR STRIPS

Used to provide a guide to the strength of the magnetic field at the precise point of their location.

Complies with BS4142 and BS6072.

Pt No 008M004 Type I for general use.

Pt No 008M005 Type II for aerospace work.



POWDER DISPENSER

Pt No 008D003

A powder 'puffer' for the application of dry magnetic powder.



POLYSPRAY

Pt No 004G004

An inexpensive spray unit for the application of magnetic ink



POWDER BLOWER

Pt No 58600

Low cost gun for applying MAGNAFLUX dry powder in production conditions.

Regulated air-only blow off removes excess powder. Requires only 2 bar air supply