

- Ideal for transverse defect location
- Demagnetisation capability
- AC/DC Operation
- Footswitch provides hands free controls
- Portable

MAGNETIC PARTICLE INSPECTION EQUIPMENT

L10 ELECTRO MAGNETIC COIL

Provides excellent portable facilities where only transverse defects need to be detected in shafts, spindles and similar components.



Optional Accessories



BERTHOLD PENETRAMETER

Pt No 008M006

Checks magnetisation, penetration depth, quality of fluorescent suspension and magnetic field direction



CALIBRATED FIELD INDICATOR

Pt No 008M002

Scaled to +/- 20 gauss from zero for determining the level of residual magnetism to 5% of full-scale reading

Pt No 505056

As above except scaled to +/- 10 gauss

MAGNAFLUX[®]

Division of ITW

L10 ELECTRO MAGNETIC COIL

The L10 Coil will accept parts up to 250mm (10") diameter, It is covered with a wear resistant resin coating, equipped with a footswitch and 10 metres of flexible supply cable.

The part is inspected by placing it into the L10 Coil and applying detecting medium to the test area whilst energising the L10 Coil via the footswitch.

Specification and Operating Data

Power Source	110V, 50Hz AC	12V DC
Current Draw	13 Amps RMS	6.5 Amps DC
Flex Density (B) (at centre of empty coil)	11mT Peak	5.5mT DC
Ampere Turns (H)	3000 (Approx)	1500 (Approx)

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

A stepdown transformer, part number 001T072 is available, enabling you to operate the L10 Coil from a 220V or 240V 50Hz supply.

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