

***LECTROMAX* 150 SERIES COIL MAGNETISER-DEMAGNETISER**



The ***LECTROMAX 150 Series*** of portable coil magnetiser-demagnetisers are available in 3 throat sizes, 250mm, 300mm, and 350mm internal diameter.

Typical application is for the detection of radial or circumferential surface or near surface defects in general engineering ferrous components, including pipes, axles and transverse defects in fork lift tines etc.

In addition, coil can be used as an effective demagnetiser.

An optional accessory converts the coil energising to pulsed DC for greater penetration. A switch allows selection of AC or PDC.

A footswitch, fitted with a 2 metre long cable, is supplied to enable hands free operation.

A pilot light indicates when the coil is energised.

The coils are encapsulated in oil proof high temperature wear resistant fibre glass, with an IP65 protection rating.

Operation is from a nominal 240V 50Hz supply and draws approx 10 amperes.

A 4 metre long cable with fitted 3 pin plug is supplied.

LECTROMAX 150 SERIES

COIL MAGNETISER-DEMAGNETISER

Physical dimensions of the following versions are:-

	<u>Part No. 150-25</u>	<u>Part No. 150 - 30</u>	<u>Part No. 150 - 35</u>
Inside diameter	250mm	300mm	350mm
Outside diameter	300mm	350mm	400mm
Width	75mm	75mm	75mm
Weight (approx.)	10kg	12kg	15kg
Peak ampere turns	6000	5000	5000
Duty Cycle (1 min on, 1 min off)	50%	50%	50%

(Other sizes available to special order).

OPTION 01 BENCH MOUNTING BRACKET & COIL LINER KIT

Supports the coil in a vertical position for convenient bench use. A stainless steel liner to protect the inner lower section of the coil is included.

OPTION 02 CATCHMENT TRAY

500mm x 350mm stainless steel catchment tray to contain surplus inspection fluid or powder applied to the part being tested.

OPTION 03 AC TO PULSED DC CONVERTER Part No. 1547C

Converts AC supply to pulsed DC for increased penetration. A switch selects AC or PDC. AC to locate surface defects and for demagnetising. The coil plugs into the converter which then plugs into the supply. Fitted with a fuse and power ON indicator.

Dimensions are 115mmL x 65mmW & 55mmD

Manufactured by -

LECTROMAX AUSTRALIA PTY LTD
13 BROUGHAM STREET, ELTHAM
VICTORIA, 3095, AUSTRALIA

PHONE: (03) 9431 1041
FAX: (03) 9431 2405
INT'L FAX: + 61 3 9431 2405
EMAIL: sales@lectromax.com.au
INTERNET: www.lectromax.com.au

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