

2017

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RAISE ENGINEERING PTE LTD



MAGNETIC PARTICLE & LIQUID PENETRANT TEST



[NDT MPI&LPT - EQUIPMENTS & ACCESSORIES CATALOUGE]

AC (or) DC YOKE / AC with DC YOKE

Choice of constant level AC or variable intensity, pulsed Solid state circuit for infinitely variable (step less) potentiometric adjustment of DC magnetic field. Articulated legs to suit differing component contours. Interpole distance adjustable from 0 to 300mm. Low power consumption/ Current draw at 220v, single phase-only 2amps. Strong and intense magnetic field for superior sensitivity
Portable & light weight - only 1.5 kgs.

**Permanent YOKE**

It is ideal for the effective magnetization of components for crack detection, particularly where the use of electromagnetic yokes is impracticable or prohibited for safety reasons. The hinged arms and rotating pole pieces facilitate the local inspection of a diverse range of components such as critical welds in structures of fabrications, castings and automotive components.



CASTROL STRIP

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

PIE GAUGE

Used to establish direction of magnetic field.



LIFTING BLOCK

The TB-10 Magnetic Weight Lift Test Bar Provides for the calibration and certification of magnetic particle





GAUSS METER

Used to check for magnetism before testing, Check the polarity of a Field Check Residual Magnetism after De-magnetizing.

LUX METER / UV METER

Pocket gadget to measure Visible / UV light intensity



COMPARATOR BLOCK

The aluminum comparator block is an aluminum test piece of 80 x 50 x 10 mm, divided into two equal parts by a notch (50 x 2 x 1.5 mm). The Aluminum Comparator Block is used for checking the quality of penetrant in use. One half of the block is sprayed with penetrant being used, and the other half is sprayed with fresh penetrant for effective comparison.



Sr No	Description	Unit Price
01	AC Yoke	
02	DC Yoke	
03	AC with DC Yoke	
04	Permanent Yoke	
05	Castrol Strip	
06	Pie Gauge	
07	Lifting Block	
08	Gauss Meter	
09	Lux Meter	
10	UV Meter	
11	Comparator Block	

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