# **Magnetic Particle & Dye Penetrant Inspection Accessories**



#### **Gauss Meter**

Used to check for magnetism before testing. Check the polarity of a Field Check Residual Magnetism after Demagnetizing.



#### **Magnetic Flux Indicator Strips**

The foil type magnetic flux indicators are used to give a clear guide as to the direction of a magnetic field and can be used to give an estimate of the field strength.

These products are available in two versions:

- Brass Finish type A (aerospace)
- Gold Finish type G (general)



# Digital White Light Meter

Accurately measures visible light by foot-candles and lux. White light meter comes with meter & a permanently affixed white light sensor, battery & carrying case. Meets ASTM E1444 Range for Lux: 200, 2000, 20000 Lux Wave length Range: 400mm-730mm, Peak Wavelength 560nm.

# Digital Black Light Meter

Accurately measures black light (microwatts/cm²). Includes Meter, a permanently affixed black light sensor, battery and carrying case.

Meets ASTM 1444.



**Centrifuge Tube** 

It is supplied with suitable stand for keeping it upright while checking the both concentration.



**MPI Test Block** 

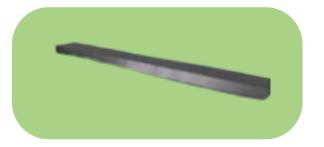
Used to measure depth detectability of prod technique.

Validate the system performance to meet BHEL specifications.



Pie Gauge

The Magnetic Particle Pie Gauge is a device used as an aid in determining the direction of magnetic fields for detection of discontinuities in ferrous metals.



**ASTM Test Block** 

Test piece for checking longitudinal field of Yoke Type Crack Detector.



**TAM Panel** 

TAM Panel offers a swift and efficient approach to evaluating the ongoing functionality of liquid penetrant inspection systems. It supports various types of penetrants including fluorescent, water wash and non-water wash, hydrophilic and lipophilic, as well as visible ones



**Gauss Meter** 

Gauss Meter is a low-cost, hand-held digital gauss meter-type instrument for measuring DC. magnetic fields using Hall Probes.



# Aluminium sensitive test block

Use this test block to check the strength of in-use penetrants, by processing one half of the block with used penetrant, and the other half with fresh penetrant



#### Field Indicators

Field indicators is to help you check and measure magnetic field strength and direction during the magnetic particle inspection process.



**Ni-Cr Test Panels** 

Ni-Cr Test Panels are made from brass plated with nickel-chrome alloy and stressed to induce linear cracks in the plating. The cracked test piece is cut into two twinned panels so that in-use materials can be run in comparison to new and unused materials on identical flaws



## **Artificial Flaw Shims**

Artifical Flaw Shims standard sensitivity test plate magnetic particle standard test plate is used for magnetic particle display, the image is intuitive, easy to use. The magnetic field of all kinds of parts in all directions, especially when examining the complex shape of the parts, shows its unique advantages. Magnetic particle standard sensitivity test plate type A1 magnetic particle standard test plate



### Magnetic Flux Strips

Magnetic Flux Strips are a simple-to-use, inexpensive effective tool, that and provides you with assurance that you are performing an effective magnetic particle test.



#### **Residual Field Indicator**

A residual field indicator is a device that can be used to check remanent magnetism in workpieces, detect the position and polarity of the magnetic poles, and respond very sensitively to slightest variations of the magnetic field

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