



Dyechem is established in 2017 and provides all types of NDT Solution with best quality services and provides prompt & effective response to our client at a competitive price. Our services are available for Magnetic Particle Testing (MPT) & Dye Penetrant Testing (PT) to meet the specific requirement of the client industries. Our company is supported by best experienced Professional. We are reaching the steps of success under the guidance, support and skills of Directors Mr. A.R. Koli & Mr. Y.M. Mahajan. We have world class manufacturing and design facilities with strong mechanical design engineering capabilities to solve client requirements in an innovative and effective techniques

Vision: - Our vision is to become the industry leader in providing expert and best quality testing and inspection services

ISO Certified Company

ISO 9001:2015





Magnetic Yoke

- » High-strength AC/DC magnetic yoke designed to detect surface and sub-surface indications in the most rugged applications.
- » Solid-state controls allow the operator to use AC magnetic fields for surface indications or DC magnetic fields for sub-surface indications to meet all inspection needs.
- » Light Weight Yoke easy to Handle



UV Torch

- » Having 365nm UV LED's
- » Easy to Handle due to Light Weight
- » Intensity >5000 Microwatt/Cm²
- » UVA Module suitable for Industrial, Leakage Testing, MPI Testing & FPI crack detection application.
- » Aluminium body of UV Torch with Powder coated in Black Color.
- » UV Torch is cable operated with Power pack.



3UV LED Lamp

- » Intensity at distance of 15" is 5000 Microwatt/CM²
- » Powered by rechargeable Li-ion battery.
- » Having 850gm Weight.
- » 6 hours using capacity at 3.5 hours of charging.



Gauss Meter

- » Digital Gauss Meter with AC / DC Facility includes multiple unit feature.
- » Glossy Keypad with Hall's Sensor
- » Backlight LCD Display



UV/White Meter

- » On/Off Button Facility will be provided on Meter
- » White Light Meter with Black light LCD Display.
- » Keypad Button with White Light Sensor.
- » Multiple Unit Facility Available.



MPI Powders

- » Fluorescent & Non Fluorescent MPI Powder available in Powder & Liquid Form.
- » We are Manufacturing Oil Based & Water Based Also.
- » Particle Size is 0 to 6 Microns.
- » Under UV Light Greenish & Yellowish color are available in MPI Powder.



Ketos Ring (ASTM E 1444-01)

- » The sample is designed to determine the defect scope working capacity and the quality of magnetic powder suspension. The sample represents itself a 7/8" (22,2mm)-wide disk. Outer diameter 5" (127mm), inner diameter 1,25" (31,75mm) - made from steel AISI 01.
- » 12 holes (diameter 0,07" (1,78mm)) are placed on different distances from the outer cylindrical surface. When current (FWDC or HWDC) is passed through the central conductor, (conductor diameter 1 3/16 ", conductor length mustn't be less then 400mm), waste fields appear, decreasing as the distance from the hole to the outer cylindrical surface increases. When the magnetic suspension is applied on the disk, magnetic powder accumulates over the cylindrical surface holes, forming indicator lines.
- » The process, corresponding to the recovery of the majority of lines is accepted as optimal.



Carrier Fluid Oil

- » Carrier Fluid Oil Using the Suspended of MPI Powder.
- » As per Standards recommended for Carrier Oil.
- » Colourless of Carrier Oil.
- » No Smell
- » Industrial Use Only.



Prod Type MPI Machine

- » Available in 1000AMPS to 8000 AMPS
- » Step less controls ensure precise value of magnetization
- » Build in Magnetization & Demagnetization Facility
- » Micro-processor controlled operations.
- » Self-contained AC/DC power supply available.
- » Digital, Analog & Compact format machines are available



Bench type MPI MACHINE

- » Available in 1000AMPS to 8000 AMPS
- » Step less controls ensure precise value of magnetization.
- » Build in Magnetization & Demagnetization Facility
- » Micro-processor & PLC controlled operations
- » Self-contained AC/DC power supply available.

MPI Accessories

- » Centrifuge Tube With Stand
- » Copper Mesh Pad
- » Magnetic Field Indicator
- » Demagnetizer
- » Residual Field Indicator (RFI)
- » UV Flood Light
- » MTU Block (Type - 1)
- » UV Safety Goggles
- » Linear Shim
- » BHEL Block
- » Dry Powder Blower
- » Standard Weight
- » Flo Leak Detector

We have World Class Manufacturing & Design Facilities & Follow Strigent Quality Standards of MPI Machine. Machine with Circular, Longitudinal Magnetization Comprising of Systematically Energized output circuits in rapid sequence to reveal Multidirectional cracks.

- Change over facility to magnetization mode sequences.
- Customized designs to suit specific customer requirements.
- Suitable for mass inspection of test parts.
- Microprocessor/ PLC controlled operations.
- Self contained AC/HWDC power supply available.
- Residual Field Indicator, White Contrast Paint, Carrier Oil, UV LED Lamp Cable & Battery Operated, Centrifuge Tube with Stand,
- UV Meter, Gauss Meter, Copper Mesh Pad, Ketos Ring & Test Block etc.

DP materials are Coming Soon...

Office Address: Flat No. C 605, Sr. No. 153/2, Rajlaxmi Greens, Ravet, Pune, Maharashtra - 411044, India.

Factory Address: Servey No.95/1/1, Swami Samarth Colony no.4, Landge Nagar, Bhosari Pune - 411039.