

EECIFLUX

AC / HWDC DUAL MAGNETIZATION YOKE

EF-9Y



EF-9Y is a new generation electromagnetic yoke which can create AC & HWDC magnetic fields for detection of surface & sub-surface cracks during magnetic particle inspection.

EF-9Y is a portable and rugged yoke, which can be used seamlessly in tough inspection environments. Its double joined legs can easily adapt to various job contours while maintaining the magnetic field strength and lifting capacity. The flexibility of the pole distances make the EF-9Y ideal for small and large jobs as well.

USE BENIFITS

- Light Weight (Only 2.2Kg) improves job performance and productivity by reducing operator arm and wrist fatigue.
- Meticulous construction protects the internal circuitry from external dangers, making it safe.
- Ergonomically design & trigger positioned in right place and the finger rested above with a suitable support hand grip.
- Easily change direction and position of yoke due to its light weight.
- Best in Class, Made in India and Pan India sales & services.

FEATURES

- Rugged construction, high quality, strong and durable.
- The built standard for continuous inspection.
- Designed & manufactured in India.
- AC and HWDC magnetization for surface and sub-surface inspection.
- Conforms to ASTM E709, ASTM E1444 standards.
- Exceeds ASTM 709 lift weight requirement.

APPLICATIONS

- Overhead application
- Weld inspection
- Component inspection
- Spot inspection
- In-service inspection
- Pipeline Inspection
- In-Plant Inspection
- Steel and grey iron castings

RECOMMENDED ACCESSORIES

- Range of inspection powder
- YTP - test block
- Pie field indicator
- Dry powder rubber blower
- Squeeze bottle
- UV inspection light
- White contrast spray
- 4.5 kgs lift weight for AC mode
- 18 kgs lift weight for HWDC mode

TECHNICAL SPECIFICATION

Operating Mode	AC / HWDC
Pole Distance	50 – 280 mm
Lifting Capacity At 100 mm Pole Distance	4.5 kgs (AC) 18 kgs (HWDC)
Duty Cycle	33% at max output
Input Supply	230 VAC, 50-60 Hz
Weight	2.2 kgs
Specification Compliance	ASTM E709, ASTM E1444