

EECIFLUX

EF-9Y

AC / HWDC DUAL MAGNETIZATION YOKE



FEATURES

- AC and HWDC magnetization for surface and sub-surface inspection
- Ergonomically design with optimised controls for ease of use
- Durable and rugged construction
- Conforms to ASTM E709, ASTM E1444 standards
- Built for safe operations with optimal duty cycle

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. It's 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.

The carefully engineered body of the EF-9Y makes it very ergonomical to operate. Meticulous construction protects the internal circuitry from external dangers, making it safe and durable.

APPLICATIONS

- Overhead application
- Weld inspection
- Component inspection
- Spot inspection
- In-service inspection

RECOMMENDED ACCESORRIES

- 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