

EECIFLUX

AC Magnetising Yoke

EF-6Y



FEATURES

- ◆ Ease of handling with greatly reduced fatigue due to soft grip, angled construction, better positioning, light weight & optimized location of magnetizing control
- ◆ Strong & rugged construction
- ◆ Additional safety features
- ◆ Exceeds ASTM 709 lift weight requirement

EF-6Y is a new generation electromagnetic yoke creating AC Magnetic field for detection of surface cracks during Magnetic Particle Testing.

EF-6Y is handy & lighter (only 2 kgs) than conventional yokes. Articulating & double joined legs contour easily & adapt to any shape to assure good contact. It has robust and chemical-resistant construction and is equipped with a 2 meter long mains cable for convenience in field applications.

EY-6Y's engineering plastic body has grooved rubber gasket which virtually seals the internal circuit, operator switch housed in a sealed cavity and stress relieved mains cord are built in safety features.

Recommended compatible 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 suitable for yoke, AC mode

APPLICATION

It is ideal for : -

- ◆ Weld inspection
- ◆ Component inspection
- ◆ Spot inspection
- ◆ In-service inspection

TECHNICAL SPECIFICATIONS

Input Supply	230 VAC, 50/60 Hz
Max. Line Current Draw	2.5 Amps
Duty Cycle	50% Duty cycle (2 MIN ON / 2 MIN OFF)
Yoke Weight	2 Kgs
Pole Distance	50 - 280 mm
Cord Length	2 Mtrs
Lifting Capacity at 100 mm pole spacing	4.5 Kgs

USE RECOMMENDATIONS

NDT Method	Magnetic Particle Testing
Recommended Accessories	Yoke Test Weight - 4.5 Kgs for AC Yoke

CAUTION



The EF-6Y Yoke may overheat if energized for a long period. Indication of unit overheating is if the unit becomes too warm to hold comfortably. Normal Operation is intermittent. The EF-6Y Yoke is rated for a 50% duty cycle, with a maximum on time of 80 seconds).

Note : Visit our website www.eecindia.com for a full range of Non Destructive Testing products.