

## Y-1 AC MAGNETIC YOKE



### GENERAL DESCRIPTION

The Magnaflux® Y-1 AC Magnetic Particle Inspection Yoke is the new generation of light weight, ergonomically designed yokes that improve job performance and productivity by reducing operator arm and wrist fatigue when testing in tight, confined and overhead areas.

The Y-1 Yoke is an articulated leg magnetic yoke, which provides a portable means of creating magnetic fields for the detection of surface indications. Each leg is connected to the core and has two moveable joints permitting a contouring fit to various part geometries. The 115 volt yoke is equipped with a ten-foot line cable having a standard three prong-grounding plug. The 230 volt yoke has a line cord without a plug for final integration in to the customer's local plug requirements.

### FEATURES

- Ergonomic, light-weight design
- Soft-grip, angled body for better positioning
- Exceeds ASTM 10lb lifting specification
- Wider legs for better contact
- Shields for better leg protection
- Sealed core to resist corrosion
- Durable rugged construction
- Oil and abrasion resistant power cord
- Serial number on each yoke

SPECIFICATIONS	
GENERAL SPECIFICATIONS	Y-1 AC MAGNETIC YOKE
Weight	4.56 lbs.
Leg Span	0" - 11" (0-30 cm)
Cord Length	10 Feet
ELECTRICAL REQUIREMENTS	
MODELS	ELECTRICAL REQUIREMENTS
623502 623529 624742 625749	115 VAC, 60 Hz, 3.7 amps (max draw) 115 VAC, 50 Hz, 6.5 amps (max draw)
623503 623530 624743 625750	230 VAC, 50/60 Hz, 1.6 amps (max draw)

## Y-1 YOKE KIT

Includes: Yoke, 1 lb. of #1 Gray Powder, 1 lb. of #8A Red Powder, Paint Marker, SCRUBS™ Hand Cleaner, Powder Spray Bulb, Portable Carrying Case and Instructions

### Part Numbers:

**623529:** 115V Yoke Kit

**623530:** 230V Yoke Kit

## ACCESSORIES

### Part Numbers:

**623745:** Y-1 Yoke Light Kit (Includes yoke light collar fixture, light bulb, mounting bolt and washers)



**621788:** Replacement Bulbs