

# Magnetic Particle Testing

- weight - 7lbs
- lift capacity - meets or exceeds ASTM standards with min. lift @ 10lbs
- power source - 42/115/220 VAC 50/60Hz
- mechanical capacity - legs are permanently fixed to 5"
- for use with dry powder, wet visible or fluorescent
- AC inspection



## Model ES-X Ferrous-Probe™ Fixed

The Ferrous-Probe™ ES-X is a portable, lightweight, state-of-the-art electromagnetic particle testing device for reliable one-man inspection.

Also available:  
DC Power Supply



**Electro-Spect Testing Systems, Inc.**

ISO-9001 Registered QMS

13402 Weiman Rd.

Houston, TX 77041 U.S.A.

TEL: 713-896-8322 FAX: 713-464-3192

[www.estsinc.com](http://www.estsinc.com)

The **Ferrous-Probe** line of induced magnetic field products are often preferable to high-amperage prod units. Since no current flows through the inspection piece, you eliminate localized heating and arc burns which later can become failure defects.

Our **Model ES-X Ferrous-Probe Fixed Leg** is a compact, lightweight, electro-magnetic particle inspection probe for critical surface crack inspection. It has shock resistant, safety orange epoxy plastic, that is reinforced by fiberglass. Unlike the Flexible model, this model's legs are permanently fixed to one position and are also protected by the shock resistant epoxy.

**STRAIN RELIEF SYSTEM:**

Equipped with Heyco spring system and stainless steel end plate to prevent cord rotation.

**CORD ATTACHMENT:**

Our cord attachment is equipped with Heyco strain reliefs and anodized end plates to prevent cord rotation. Our ES-X has brass contacts rising from the core body within the cord box. This allows the electrical cord to be easily removed or replaced by simply unscrewing the leads from the brass contacts. This system prevents cord shorts due to arcing between leads.

**SWITCHBOX:**

Our molded switch box is water resistant. The momentary on-switch is soldered to leads rising from the core body within the box. This allows the switch to easily be replaced and prevents any arcing.

## SPECIFICATIONS

WEIGHT	VOLTAGE	HZ	AMPS (in air)	LIFT CAPACITY
7lbs.	42/115/220 AC	50/60	3.0/5.75/2.0	15lbs* @ 115v

**\*Meets or exceeds the following specifications:**

ASTM E709, ASTM E1444  
ASME SECTION V, ARTICLE 7  
MIL-STD-1949  
MIL-STD-271

A kit can be purchased that includes the following:

- 1 - Ferrous Probe Yoke - with 25' cord
- 1 - Carrying case
- 2 - lbs. red inspection powder
- 2 - lbs. gray inspection powder
- 1 - powder bulb
- 1 - blower bulb
- 1 - magnetic field indicator



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