

A410

AC Contour Probe

The A410 Contour Probe is a rugged high performance instrument designed for Magnetic Particle inspection to accepted Nondestructive testing standards.

Parker Contour Probes are designed with flexible legs that allow the field to be "focused" at a precise area of inspection. Components are protected by a reinforced glass-filled nylon housing. Model A410 and A410S produce a strong constant AC field.

Plastic carry cases (PL-Case & C-Case) and Test Kits (PL-A Kit & A Kit) are available. Standard test kits include 1 lb. each of Red & Gray powder, PB1 powder blower, and carrying case.

Features

- High-impact, glass-filled nylon housing
- AC Only
- One year repair/replacement guarantee
- Exceeds ASTM lifting standards

Standards Compliance

- IP51
- ASME Section V, Article 7
- ASTM E709
- ASTM E1444
- ASTM E3024
- EN ISO 9934-3 (230V Only)
- CE (Optional - 230V Only)



Applications

Defect location: Surface

Ideal for:

- Field Testing
- Spot Inspections
- In-service Inspections
- Demanding Environments
- Welding Inspections

Defect Examples:

- Inclusions
- Seams
- Shrink cracks
- Tears
- Laps
- Welding slags
- Grinding cracks
- Quenching cracks
- Fatigue cracks

Product Properties

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|-------------------------|--|
| Weight | 8 lbs. (3.6 kg) |
| Leg Span | 0 – 12 in (0 – 304.8 mm) |
| Cord Length | 10 ft. (3.048 m) |
| Duty Cycle | 50% |
| Electrical Requirements | 115VAC – 50/60 Hz : 6 Amps 230VAC – 50/60 Hz : 3 Amps |

Use Recommendations

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|-------------------------|--|
| NDT Method | Magnetic Particle Testing |
| Recommended Accessories | Weight Lift Test Bar – TB10 Yoke Light – Y400 |

Part Numbers

A410 – 115VAC

A410S – 230VAC