

B300MR

AC Contour Probe

The B300MR 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. The external push button switch magnetically activates the power circuit from the outside. There is no electrical contact between the switch and internal circuit. This instrument is ideally suited for high moisture areas. Model B300MR and B300MRS 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
- Thermal shutoff to prevent overheating

Standards Compliance

- IP65
- ASME Section V, Article 7
- ASTM E709
- ASTM E1444
- ASTM E3024
- EN ISO 9934-3 (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

Weight	7 lbs. (3.18 kg)
Leg Span	0 – 12 in (0 – 304.8 mm)
Cord Length	10 ft. (3.048 m)
Duty Cycle	50%
Electrical Requirements	115VAC – 60 Hz : 6 Amps 230VAC – 50/60 Hz : 3 Amps

Use Recommendations

NDT Method	Magnetic Particle Testing
Recommended Accessories	Weight Lift Test Bar – TB10 Yoke Light – Y300

Part Numbers

B300MR – 115VAC

B300MRS – 230VAC