AC Contour Probe

The B200 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 Dual coil design produces a strong constant AC field and reduces outward heating. A slim line ergonomic handle and oversized operating switch provides a comfortable grip. This instrument is ideally suited for lengthy inspection applications.

Plastic carry case (PL-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

- ASME Section V, Article 7
- ASTM E709
- ASTM E1444

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 Data Sheet

Product Properties

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Weight</td>
<td>7 lbs. (3.18 kg)</td>
</tr>
<tr>
<td>Leg Span</td>
<td>0 – 12 in (0 – 304.8 mm)</td>
</tr>
<tr>
<td>Cord Length</td>
<td>10 ft. (3.048 m)</td>
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<tr>
<td>Duty Cycle</td>
<td>50%</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>115VAC – 50/60 Hz : 3 Amps</td>
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Use Recommendations

<table>
<thead>
<tr>
<th>NDT Method</th>
<th>Magnetic Particle Testing</th>
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<tbody>
<tr>
<td>Recommended Accessories</td>
<td>Weight Lift Test Bar – TB10</td>
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Part Numbers

B200 – 115VAC