

UW-12

DC Contour Probe

The UW-12 Contour Probe is a rugged high performance instrument designed for Underwater 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 UW-12 produces a strong constant DC field. The UW-12 is provided with a four foot Neoprene, #16, 2- cord "Pig Tail". This Pig Tail/cord is to be used in conjunction with the users approved underwater connector or spliced to a #16, 2 underwater cable. A fused 12VDC power source with the proper rating must be controlled by "top side" switching or by an approved underwater switching device.

Plastic carry cases (PL-Case & C-Case)

Features

- High-impact, glass-filled nylon housing
- DC Only
- 90 day guarantee
- Exceeds ASTM lifting standards

Standards Compliance

- IP 68
- ASME Section V, Article 7
- ASTM E709
- ASTM E1444
- ASTM E3024



Applications

Defect location: Subsurface

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	4 ft. (1.21 m)
Duty Cycle	100%
Electrical Requirements	12VDC – 2.5 Amps

Use Recommendations

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

Part Numbers

UW-12 – 12VDC