



B-300S = 2 Year Warranty

Big Performance in a Small Package



Compliance:

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



HIGH PERFORMANCE - AC Contour Probe

B-300S Magnetic Yoke is the **Rugged High Performance Yoke** designed for Magnetic Particle inspection to accepted Non-destructive testing standards for Surface Defects.

B-300S Produces a strong constant AC field applied directly to the precise area to be inspected, regardless of part size or mass. Exceeding lift test requirements.

B-300S Components are protected by our proven reinforced resin filled nylon housing.

B-300S Has a Fully Replaceable High Duty Switch, Switch Boot, Power Cord and Legs.

B-300S From Parker the Inventor of the flexible leg Contour Probe.

B-300S Is available with the optional **Yoke Light**

magneticsyokes.com.au



Technical Data

Pole Spacing	Minimum 30 mm, Maximum 254 mm (Inside Leg Measurement)
Cross Sectional Area of Poles	25.4 mm x 25.4 mm
Electrical Supply	230 Volts - 3 Amps - 50 Hz
Current Wave Form	AC
Current Control	Sinusoidal AC Mains
Duty Cycle	50 %
Maximum Switch ON Time	2 Minutes
Tangential Field Strength	2 kA/m at midpoint between Poles
Lifting Force	≥ 44 N - B300S Exceeds 4.5kg Lift Test
Overall Dimensions	266 mm L, 184 mm H, 57 mm W
Weight	3.18 kg
Protection Class	IP 54
Cord Length	3 Metres
Warranty	24 Months
Country of Manufacture	USA
Compliance	EN ISO 9934-3, ASME Section V - Article 7, ASTM E709, ASTM E1444, AS1171

Part Number

B300SAU	Yoke 230v
Y300	Yoke Light
PLCASE	Storage Case
DC300S	DC Converter

Replacement Spare Parts

2115-1	Switch Boot
2039-1	Yoke Switch
2587-1	Power Cord
2220-1	Leg Assembly Set

Other Parker Models Available Include;

- **B-300SMR – IP65 Rated Yoke** – On/Off switch is magnetically activated so no electrical contact between the switch and internal circuit. Ideally suited for high moisture areas.
- **UW-12 – IP68 Rated Yoke** – 12v DC 2.5Amp. Water use where Full Wave DC fields are permitted.
- **B-200S – Ergonomic Grip Yoke** – Design for ease of use over extended testing periods.
- **B-100S – Economical Yoke** – Tough Fibreglass Housing with Totally Repairable Components.
- **DA-200S – Mil. Spec Yoke** – Super Lift, Intense field, large AC or AC/DC with handle.
- **DA-400S – Dual AC/DC Yoke** – Tough Fibreglass Housing with handle.
- **B-310S – Short Yoke** – Short, Small, Compact, Lighter Model.