



**B-200S = 2 Year Warranty**



**Compliance:**

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

## ERGONOMIC - AC Contour Probe

**B-200S** Magnetic Yoke is the **Ergonomic Dual Coil Design Magnetic Yoke for Reduced Arm Strain, Wrist Fatigue & Heat to the Hand** in Magnetic Particle inspection to accepted Non-destructive testing standards for Surface Defects.

**B-200S** 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-200S** Components are protected by the high strength removable housing.

**B-200S** Has a Plastic Actuator for activation of the switch

**B-200S** Has a Fully Replaceable High Duty Switch, Switch Actuator, Power Cord, Coil & Legs.

**B-200S** From Parker the Inventor of the flexible leg Contour Probe.

**B-200S** Is available with the optional **Yoke Light**

[magneticyokes.com.au](http://magneticyokes.com.au)

## Technical Data

<b>Pole Spacing</b>	<b>Minimum 30 mm, Maximum 254 mm</b> (Inside Leg Measurement)
<b>Cross Sectional Area of Poles</b>	<b>25.4 mm x 25.4 mm</b>
<b>Electrical Supply</b>	<b>230 Volts - 2 Amps - 50 Hz</b>
<b>Current Wave Form</b>	<b>AC</b>
<b>Current Control</b>	<b>Sinusoidal AC Mains</b>
<b>Duty Cycle</b>	<b>50 %</b>
<b>Maximum Switch ON Time</b>	<b>2 Minutes</b>
<b>Tangential Field Strength</b>	<b>2.1 kA/m at midpoint between Poles</b>
<b>Lifting Force</b>	<b>≥ 44 N – B200S Exceeds 4.5kg Lift Test</b>
<b>Overall Dimensions</b>	<b>254 mm L, 203 mm H, 42 mm W</b>
<b>Weight</b>	<b>3.18 kg</b>
<b>Protection Class</b>	<b>IP 54</b>
<b>Cord Length</b>	<b>3 Metres</b>
<b>Warranty</b>	<b>24 Months</b>
<b>Country of Manufacture</b>	<b>USA</b>
<b>Compliance</b>	<b>EN ISO 9934-3, ASME Section V - Article 7, ASTM E709, ASTM E1444, AS1171</b>

## Part Number

<b>B200S</b>	<b>Yoke 230v</b>
<b>Y200</b>	<b>Yoke Light</b>
<b>PLCASE</b>	<b>Storage Case</b>
<b>DC300S</b>	<b>DC Converter</b>

## Replacement Spare Parts

<b>2038-1</b>	<b>Switch Actuator</b>
<b>2897-1</b>	<b>Switch Assembly</b>
<b>2884-1</b>	<b>Power Cord</b>
<b>2883-2</b>	<b>Leg Assembly Set</b>
<b>2888-2</b>	<b>Coil ea</b>

## 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-300S – Rugged Yoke** – High Performance go-to model yoke, for over 40 years.
- **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.