

Magnetic Yoke

Product Data Sheet

B300-MRS – IP65 Rated

The B300-MRS Electronic circuitry is sealed within the housing. The push button switch magnetically activates the power circuit from outside. There is no electrical contact between the switch and the internal circuitry. B300-MRS is ideally suited for High Moisture areas.

The B300MRS Magnetic Yoke is a rugged high performance IP65 rated yoke designed for Magnetic Particle inspection to accepted Nondestructive testing standards. Parker magnetic yokes 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 B300MR and B300MRS produce a strong constant AC field.

Optional Plastic carry cases (PL-Case & C-Case) and Test Kits (PL-A Kit & A Kit) are available.

Optional test kits include 1 lb. each of Red & Gray powder, PB1 powder blower, and carrying case.

Features

- **IP65 Rated**
- High-impact, Glass-filled nylon housing
- AC Only
- **2 year repair/Replacement warranty**
- Guarantee Exceeds ASTM lifting standards

Applications

Defect location: Surface

Ideal for:

- Field Testing
- Spot Inspections
- In-service Inspections
- Demanding Environments
- Welding Inspections

Standards Compliance

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



Defect Examples:

- Inclusions
- Seams
- Shrink cracks
- Tears
- Laps
- Welding slags
- Grinding cracks
- Quenching cracks
- Fatigue cracks

Product Properties

Weight	3.18 kg
Leg Span	0 – 304.8 mm
Cord Length	3.048 m
Duty Cycle	50%
Electrical Requirements	230VAC – 50/60 Hz : 3 Amp

Use Recommendations

NDT Method - Magnetic Particle Testing

Recommended Accessories - Weight Lift Test Bar – TB10 Yoke Light – Y300

Part Number

B300MRS – 230VAC

Made in USA

Australian Calibration Certificates available

www.magneticsyokes.com.au