

PM50

Permanent Magnetic Yoke

The PM50 permanent magnetic yoke is a rugged high performance instrument designed for Magnetic Particle inspection to accepted Nondestructive testing standards.

Parker permanent magnetic yokes are designed with a flexible coated steel cable that allows a maximum leg span of 12". The permanent magnets are protected by a Durable plastic housing. Model PM50 produces a strong magnetic field exceeding a 50 lb. weight lift strength.

Plastic carry cases (C-Case) and Test Kits (PM50A) are available. Standard test kits include 1 lb. each of Red & Gray powder, PB1 powder blower, and carrying case.

Features

- Portable magnet for field inspection
- 6.25" handles permit easy removal
- No electrical supply needed
- 50 lb. Dead weight lift strength.
- One year repair/replacement guarantee
- Exceeds ASTM lifting standards

Standards Compliance

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



Applications

Defect location: Subsurface and surface

Ideal for:

- Field Testing
- Spot Inspections
- Remote Sites
- Difficult to reach areas

Defect Examples:

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



Product Properties

Weight	2 lbs. (.9 kg)
Leg Span	2 – 12 in (50.8 – 304.8 mm)
Weight Lift	>50 lbs. (22.68 kg)

Use Recommendations

NDT Method	Magnetic Particle Testing
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Part Numbers

PM50

PM50A