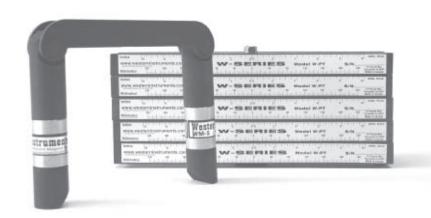


Western Instruments WM-Series Permanent Magnet Yokes - Data Sheet

Features:

- Powerful Lift
- · Light Weight
- Compact
- No Recharging
- Completely Portable
- Durable
- Hinged Frame and Cable Type
- Hazardous Zones

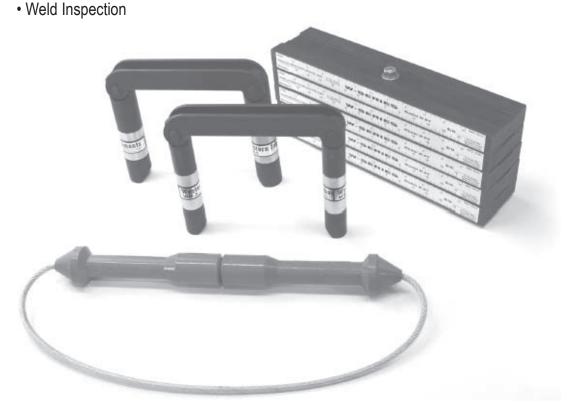


Uses:

- Automotive
- Pressure Equipment
- Manufacturing

- Aerospace
- Piping

Fabrication





Permanent Magnet Yokes

Western Instruments offers 3 models in the WM-Series of Permanent Magnet Yokes. These models consist of both Hinged Frame and Cable Type configurations, so the inspector's preference is assured. Permanent Magnet Yokes are a great convenience in Magnetic Particle Inspection, due to their complete portability, as no electricity is required. All WM-Series Yokes utilize Rare Earth Magnet Cartridges specifically manufactured to our high performance needs. WM-Series Yokes lift over 60 Pounds, and with recharging not being necessary, the minimum lift of 50 pounds (23 Kg) is assured for years.

The WM-5 and WM-5LT are Hinged Frame units, equipped with Rotating Contact Feet, which easily permits the inspector to maximize the contact area between the Dual Contact Surfaces on the pole pieces and the workpiece. Both of these units have field replaceable magnet cartridges, in the unlikely event of a failure. The WM-5 is considered a Standard Permanent Magnet Yoke, while the WM-5LT is a lighter weight alternative.

The WM-5C is our Cable Type Permanent Magnet Yoke. The Coated Cable allows a great deal of flexibility to easily permit maximum contact area between the Non-Ferrous contact surface and the workpiece. The Hand Grip is Ergonomically designed for operator comfort, with provisions for easy removal off the workpiece.

All WM-Series Yokes are delivered with a Calibration Certificate and Operators Manual.

Specifications:

Models: WM-5, WM-5S and WM-5C

Capacity: All are >50 Pounds (23 Kg)

Field Strength with Tips in Contact:

WM-5 9200 Gauss WM-5LT 8500 Gauss

WM-5C 10900 Gauss 2mm (0.80") Air Gap

Field Strength with 2" (50mm) Air Gap:

WM-5 510 Gauss WM-5LT 380 Gauss

WM-5C 5700 Gauss (Single Pole Only)

Pole Spacing:

WM-5 0-14" (0-350mm) WM-5LT 0-14" (0-350mm) WM-5C 0-24" (0-610mm)

Weight:

WM-5 5 Pounds (2.3 Kg) WM-5LT 3 Pounds (1.4 Kg) WM-5C 2 Pounds (0.9 Kg)





Dry•Wet•Wet/Dry•Wet Fluorescent

WE-5 Dry Method Inspection Kit Shown; Yoke, Carrying Case(*), 2 Cans of Cleaner/Remover, 2 Cans White Contrast Paint, 2 Cans Black Particle, Pie Gauge (or Field Indicator or Castrol Strips)

*Custom Soft Sided Carrying Case Illustrated

