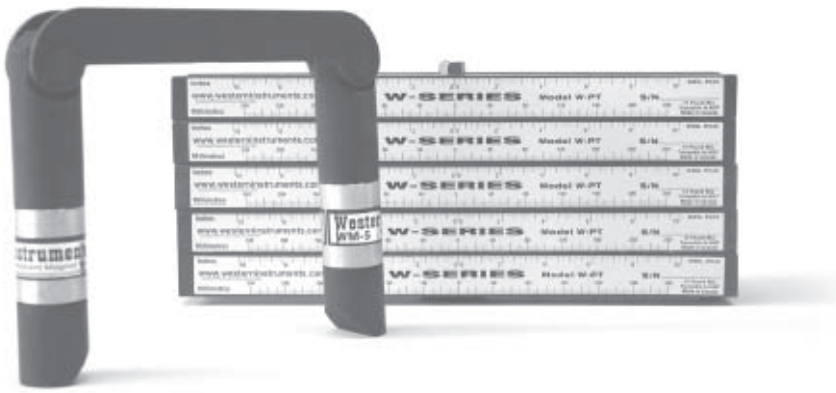
WM-Series
Permanent Magnet Yokes

Western Instruments Inc. Est. 1965

Features:

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



Uses:

- Automotive
- Aerospace
- Weld Inspection
- Pressure Equipment
- Piping
- Manufacturing
- 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.

WM-5

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)

Inspection Kits

Western offers inspection Kits for the following Methods

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

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Contact your Inspection Equipment Distributor for the price of W-Series Products

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