

WC-6x2

High Output AC Yoke



Features:

- 20 lbs. Lift
- Light Weight
- Comfortable Ergonomic Grip
- Grounded Solid State Switch
- Sealed Switch Cover
- Rugged Strain Relief
- Urethane Rubber Encapsulant
- Optional UL/CSA Approval

Through Paint Inspection of:

- Automotive
- Aerospace
- Weld Inspection
- Pressure Equipment
- Piping
- Fabrication
- Manufacturing
- Maintenance

Est. 1965
Western Instruments Inc.

More than just attractive!

The WC-6X2 uses Western Instruments' basic WC-Series Platform, but with some rather revolutionary differences, which allows this AC Yoke to lift over 20 Pounds! The WC-6X2 Platform design is similar to our standard W-Series Platforms, but far more compact. This construction versatility is possible through our advanced Mechanical, Electrical, and Solid State Electronics designs. These designs permit the WC-Series to use our standard low profile sealed membrane activation switch, continuing our philosophy for operator safety, as the switch has a grounding provision and conducts less than Ω Watt of power.

The ergonomically designed housing combined with its light weight, reduces operator fatigue and strain permitting better and longer inspections. The compact design allows the WC-6X2 to fit into confined spaces better than our full size W-Series Models. The urethane rubber housing provides superior durability in rugged environments. Like all W-Series products, the Power Cord Strain Relief System is the most durable in the industry.

The WC-6X2 lifts over 20 pounds, far exceeding ASTM or ASME Specifications for AC Yokes. This extra lift provides the operator with confidence that sensitivity is assured to perform Magnetic Particle Testing on Coated or Painted Surfaces. The WC-6X2 also provides greater sensitivity, than standard AC Yokes, on uncoated surfaces, and assures greater subsurface sensitivity as well. Performing Magnetic Particle Inspection, with an AC field, is the fastest and easiest way to find surface discontinuities. The AC field provides maximum magnetic particle mobility, which cause the particles to migrate quickly and congregate at defects.

Specifications:

Models: WC-6X2 (115V)

WC-6X2K (230V)

Current: 7.0 Amps (115V), 3.5 Amps (230V)

Frequency: 50-60 Hz

Voltage: 115 or 230 Volts

Lift: 20 Pounds (9.1Kg) Minimum

Capacity: 0-11" (280mm)

Weight: 7.2 Pounds (3.3Kg)

Cord Length: 8', 3-18 SOW

Finish: Urethane Rubber

Inspection Kits

**Western offers four different Inspection Kits,
in the following methods, with all of our products.**

Dry • Wet • Wet/Dry • Wet Fluorescent

Dry Method Inspection Kit Shown:

WC-6X2 Yoke, Carrying Case, 4 colours of powder,
powder bulb and field indicator.

*Custom Soft Sided Carrying Case.



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Contact your Inspection Equipment Distributor for pricing on a WC-6 Yoke.