

MAGNETIC DIGITAL READOUT

Digital Readout

The lathe features a magnetically mounted DRO (see Figure 1) for X-axis (cross slide) and Z-axis (carriage) travel.

Note: When placing the DRO, locate all cables so they do not interfere with machine operation and cannot be pinched by moving components.

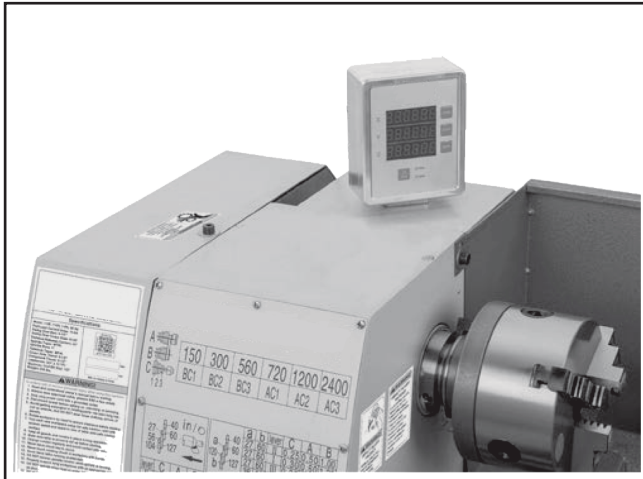


Figure 1. DRO magnetically mounted on lathe headstock.

The X-axis and Z-axis scales are attached to the cross slide and bed (respectively). Shielded cables run from each sensor to plugs on the back of the DRO (see Figure 2). The DRO connects to a regular 240V power supply with a dedicated power cord using a correct plug.

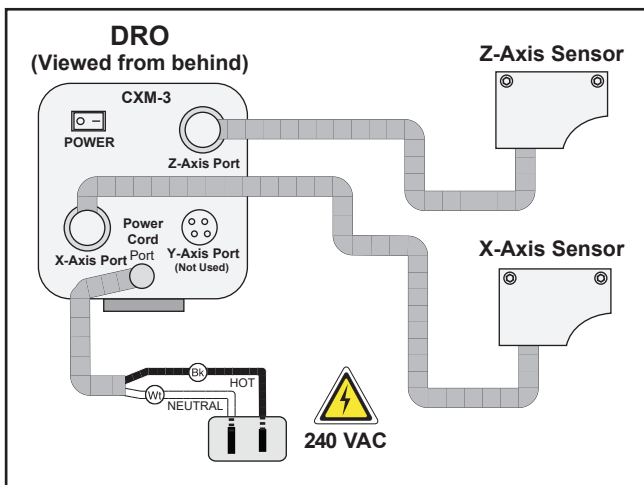


Figure 2. DRO wiring.

Using DRO

- DRO displays current position of X-axis and Z-axis in hundredths of a millimeter or thousandths of an inch. (Included Y-axis display line is not used on the lathe)
- "X" value displays total X-axis travel from zero along cross slide.
- "Z" value displays total Z-axis travel from zero along lathe bed.
- In/MM button allows users to toggle measurement display in either inches or millimeters.
- ZERO buttons reset values at any point along the axis to 0.00.
- Green light indicates inches or millimeters.
- Magnetic mount.

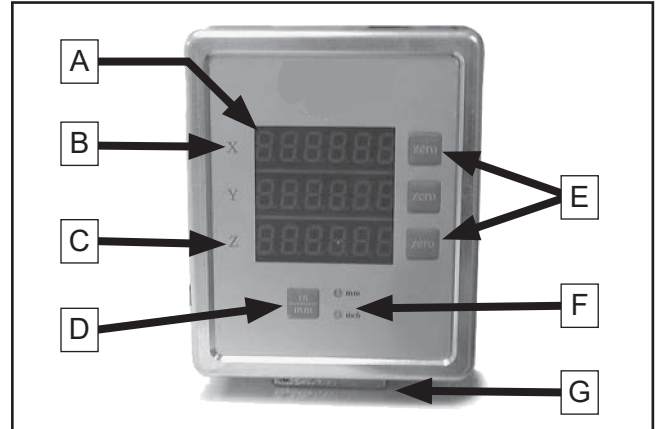


Figure 3. DRO controls and display.

