



The ZS Instruments Digital Readout Displays and Glass Scales are designed, patented, and manufactured in the USA. Our DRO systems provide up to 3 axis position readout for a milling machine, lathe, horizontal boring mill, surface grinder, OD grinder etc.

Each ZS Instruments DRO system conforms to the stringent IPC-A-610 class III high reliability requirements for design, assembly and inspection of electronics. DRO motherboards go through a rigorous cleaning process which removes residual flux and other corrosives, and then receive a layer of Conformal Coating, practice common only in Military & Aerospace industries. This provides a previously unseen level of reliability and guards DRO electronics from hostile environment such as exposure to metal dust, moisture, aggressive vapors, and fungus.

ZS instruments Encoders are produced in our state of the art Class 100 cleanroom and feature Patent Pending sensor technologies. Only optical encoders provide native 5 μ m (0.0002") resolution without relying on approximation and ensure a consistent level of high precision over the entire life-span. In addition, compared with magnetic and/or inductive technology, glass scales are not affected by presence of metal dust and external magnetic fields.



User-centered industrial design

ZS Instruments combined the best of both worlds - clear and unambiguous LED position display is known as the #1 choice among PROFESSIONAL machinists for its bright, high contrast readout under all lightning conditions, while our auxiliary LCD provides interactive user experience.



Essential features:

Real Time Status Display - Always know your feed rate, tool compensation status, working units, incremental/absolute mode and current sub datum.

Milling, Boring, Drilling - From basic functionality such as center find, to bolt hole circles, linear patterns and advanced multi plane radius & incline machining, we've got you covered.

Turning - Radius/diameter mode, taper measurement, and full vector axis summing with compound angle option.

Convenience:

- 99 sub datum points
- Last position recall mode
- Selectable number of decimal points
- Calculator with sin/cos functions
- Power independent memory
- Power loss zero restore
- LCD backlight on/off
- Sleep mode
- USB firmware upgrade
- Universal 100-240V power

We offer industry leading performance at prices up to 30% lower than competition!

How is it possible? Because we are the manufacturer!

Order directly at:
www.zsinstruments.com



ZS Instruments is an innovative US company with headquarters and manufacturing facilities located in West Lafayette and Lafayette, IN.