

*for Turning Applications*

**MICRO-LINE** is the latest addition to the **ACU-RITE** family of readout systems specifically designed for turning applications. MICRO-LINE is an affordable solution to basic machining needs without sacrificing the performance you receive from all **ACU-RITE** products. Along with the traditional quality and support you have come to expect, ACU-RITE offers the finest **3 Year HASSLE-FREE Warranty** in the industry.

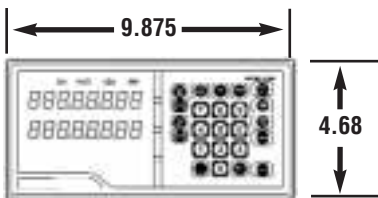


### DOMESTIC MICRO-LINE System Includes:

- MICRO-LINE 2-axis Readout
- 5µm (.0002") and 10µm (.0005") Resolution, MICRO-LINE Precision Glass Scales, 10' & 15' Braided Cables
- Readout Bracketry
- X & Z Encoder Brackets

### Features

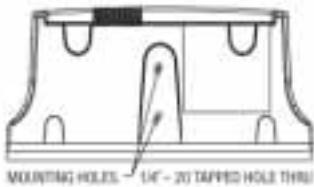
- ✓ 2-axis digital display
- ✓ Tool offset capability
- ✓ Preset & zero reset capability
- ✓ Absolute/Incremental display
- ✓ Inch/MM conversion
- ✓ Radius/Diameter conversion
- ✓ Selectable count direction
- ✓ Linear error compensation
- ✓ Sealed precision glass scales
- ✓ Message prompts/Error codes
- ✓ Die-cast enclosure
- ✓ Membrane sealed color keypad



Front View



Back View



Bottom View



Side View

## Let's take a close look at the entire family of readout systems for turning applications

| Features                                | ACU-RITE<br>MICRO-LINE T | ACU-RITE<br>DRO 200T       | ACU-RITE<br>VRO 300T       |
|---|--------------------------|----------------------------|----------------------------|
| Suggested List Price<br>Size 8 x 40     | \$1,580.00               | \$1,834.00                 | \$2,734.00                 |
| <b>Flexibility/Reduce Setup</b>         |                          |                            |                            |
| Number of Axis                          | 2                        | 2 or 3                     | 4 to 6                     |
| Position-Trac™                          | No                       | Yes                        | Yes                        |
| Auto Resolution Sensing                 | No                       | Yes                        | Yes                        |
| ABS/INCR                                | Yes                      | Yes                        | Yes                        |
| Inch/MM Conversion                      | Yes                      | Yes                        | Yes                        |
| Radius/Diameter                         | Yes                      | Yes                        | Yes                        |
| Axis Presets                            | Yes                      | Yes                        | Yes                        |
| Scale Factoring (Mirroring)             | No                       | Yes                        | Yes                        |
| Axis Lock (Hold)                        | No                       | Yes                        | Yes                        |
| <b>Increased Productivity</b>           |                          |                            |                            |
| Zero Reset                              | Yes                      | Yes                        | Yes                        |
| Near-zero warning                       | No                       | Yes                        | Yes                        |
| Reference preset                        | No                       | Yes                        | Yes                        |
| Tool Offset                             | 2                        | 10                         | 99                         |
| Preset                                  | Yes                      | Yes                        | Yes                        |
| <b>Reliability</b>                      |                          |                            |                            |
| Construction                            | Die-cast Metal           | Die-cast Metal             | Die-cast Metal             |
| Weight (lbs.)                           | 7.0 lbs.                 | 7.5 lbs.                   | 17.0 lbs.                  |
| Designed to UL/CSA/CE                   | Yes                      | Yes                        | Yes                        |
| ISO-9001 Certified                      | Yes                      | Yes                        | Yes                        |
| <b>Ease of Use</b>                      |                          |                            |                            |
| Key legends                             | Words                    | Words                      | Words & Symbols            |
| Keypad technology                       | Sealed<br>Membrane       | Sealed 3-D<br>Tactile Feel | Sealed 3-D<br>Tactile Feel |
| Display technology                      | LED                      | Vacuum Fluorescent         | 9" CRT                     |
| Conversational message prompts          | Encrypted                | Yes                        | Yes                        |
| <b>Accuracy &amp; Workpiece Quality</b> |                          |                            |                            |
| Linear Error Compensation               | 1 Segment                | 3 Segments                 | 99 Segments                |
| Scale Resolutions                       | No                       | Yes                        | Yes                        |
| <b>Miscellaneous</b>                    |                          |                            |                            |
| Job Clock                               | No                       | No                         | Yes                        |
| Screen Saver (Sleep)                    | Yes                      | Yes                        | Yes                        |
| Switchable count direction              | Yes                      | Yes                        | Yes                        |
| Number Display Resolutions              | Multiple                 | Multiple                   | Multiple                   |
| Warranty Period                         | 3 Year Hassle-Free       | 3 Year Hassle-Free         | 3 Year Hassle-Free         |

### **ACU-RITE**

ACU-RITE INCORPORATED • One Precision Way • Jamestown, NY 14701 • Tel: 1-800-344-2311 • Fax: (716) 661-1888 • www.acu-rite.com