

for Milling Applications

MICRO-LINE is the latest addition to the **ACU-RITE** family of readout systems specifically designed for milling 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.

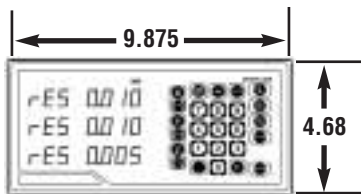


MICRO-LINE System Includes:

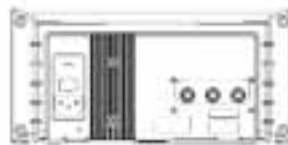
- MICRO-LINE 2- or 3-axis Readout
- 10µm (.0005") Resolution, MICRO-LINE Precision Glass Scales, 10' Braided Cables
- Readout Bracketry - Side Mount
- X & Y Encoder Brackets
- Optional Z-axis Scale and Brackets Available

Features

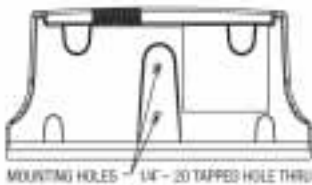
- ✓ Full bolthole patterns
- ✓ Centerline calculation
- ✓ Preset and zero reset capability
- ✓ Multiple display resolutions
- ✓ Absolute/Incremental display
- ✓ Inch/MM conversion
- ✓ Message prompts
- ✓ Linear error compensation
- ✓ Die-cast enclosure
- ✓ Membrane sealed keypad
- ✓ Sealed Precision Glass Scales
- ✓ Color keypad



Front View



Back View



Bottom View



Side View

System Sizes Available (inches):

- 13 x 32, 13 x 35, 13 x 36
- 16 x 32, 16 x 35, 16 x 36

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

| Features | ACU-RITE MICRO-LINE | ACU-RITE DRO 200M | ACU-RITE VRO 300M |
|---|------------------------|-------------------------------|----------------------------|
| Suggested List Price 13 X 32 system | \$1,295.00 | \$1,595.00 | \$2,495.00 |
| Flexibility/Reduce Setup | | | |
| Shrinkage/expansion | No | Yes | Yes |
| Position-Trac™ | No | Yes | Yes |
| Battery back-up | No | Yes | Yes |
| Recall functionality | No | Yes | Yes |
| Home reference | No | Yes | Yes |
| Automatic scale resolution sensing | No | Yes | Yes |
| Absolute/Incremental | Yes | Yes | Yes |
| Inch/mm display | Yes | Yes | Yes |
| Datum point memory | No | 1 pt. | 9 pt. |
| Increased Productivity | | | |
| Bolt hole pattern - Full | Yes | Yes | Yes |
| Bolt hole pattern - Partial | No | Yes | Yes |
| Centerline calculation | Yes | Yes | Yes |
| Tool offsets | No | Yes | Yes |
| Near-zero warning | No | Yes | Yes |
| Zero reset | Yes | Yes | Yes |
| Preset | Yes | Yes | Yes |
| Reference preset | No | Yes | Yes |
| Number display resolutions | 2 | 3 | Multiple |
| Reliability | | | |
| 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-9000 Certified | Yes | Yes | Yes |
| Ease of Use | | | |
| Key legends | Words | Words | Words & Symbols |
| Keypad technology | Membrane | Sealed 3-D Tactile Feel | Sealed 3-D Tactile Feel |
| Display technology | LED | Vacuum Fluorescent Display | CRT |
| Conversational message prompts | Cryptic | Full Letter | Full Letter |
| Display enunciators | Yes | Yes | Yes |
| Accuracy & Workpiece Quality | | | |
| Linear Error Compensation | Single | Seg(3)/Auto Calc. | Seg(99)/Auto Calc. |
| Selectable scale resolution | Yes | Yes | Yes |
| Accuracy | 10µm/M | 5µm/M | 5µm/M |
| Misc. | | | |
| Number of axis | 2 or 3 | 2 or 3 | 1 to 6 |
| Switchable count direction | Yes | Yes | Yes |
| Self diagnostics | Yes | Yes | Yes |
| Warranty period | 3 yrs. | 3 yrs. | 3 yrs. |

ACU-RITE™

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