

200S LCD Digital Readouts

Crystal Clear.

The **ACU-RITE 200S** features exclusive LCD display screen technology and versatile software to accommodate milling, turning or grinding applications – all with the same bright, crystal clear readout. Plus, a content-sensitive help function assists you in troubleshooting any difficulty.

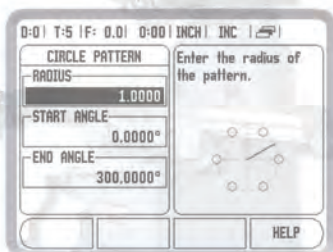
All ACU-RITE products are designed and manufactured in ACU-RITE's ISO 9001 certified facility. They are designed to UL/CSA/CE specifications and are backed by a 3-year Hassle-Free Warranty.

ACU-RITE maintains a strong worldwide authorized distribution network of fully trained and qualified personnel to provide quality sales and service support. ACU-RITE's authorized distribution network is readily available to provide prompt delivery, thorough product training and skilled technical service.



200S for Milling

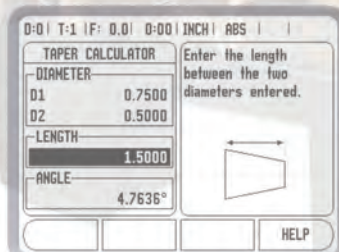
Updated, state-of-the-art features for milling at an affordable price.



200S for Turning



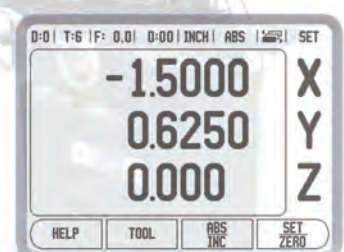
The ultimate in efficiency and productivity for turning applications utilizing state-of-the-art features.



200S for Grinding



Increase the accuracy of grinding and general purpose applications with efficient and productive features.



ACU-RITE®

The world's first choice for readout systems.
Visit www.acu-rite.com today for more information.

200S Technical Data



Display 2- or 3-axes 5.7" transmissive LCD display

Common Functions

- Job Clock
- Feed rate display
- Multiple language supports
- Absolute/incremental
- Near-zero warning
- Help function
- 16 tool offsets / diameter
- Preset and zero reset
- 4 function calculator / Trig calculator
- Instant inch/mm conversion
- Position-Trac™

Milling Specific Functions

- Bolthole pattern calculations with graphics (full and partial circles)
- Centerline calculation enables you to establish workpiece zero and midpoints
- Edge finder input
- I/O (option)

Turning/General

Specific Functions

- Lock axis feature
- Instant radius / diameter conversion
- Taper calculator
- CSS (option)

Error Compensation

Linear and non-linear compensation up to +/-9,999 ppm

Construction

Die-cast metal

Data Interface

RS-232-C/V.24 serial port

Electrical Requirements

Voltage of 100-240 Vac
Power of 30 VA max
Frequency of 50/60 Hz (+/-3Hz)

Operating Temperature

0 degrees to 45 degrees C
(32 degrees to 113 degrees F)

Storage Temperature

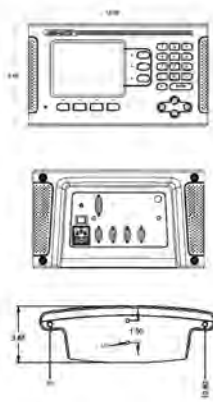
-20 degrees to 70 degrees C
(-22 degrees to 158 degrees F)

Weight

4.85 lbs.

Certifications

ISO-9001, UL, CSA, CE



ACU-RITE offers a full line of programmable and versatile LCD readout systems and precision glass scales for all machine tool applications.

ACU-RITE

P.N. 9951-0201 Rev. 9/07



ACU-RITE IS AN
ISO 9001
CERTIFIED
MANUFACTURER



Precision Glass Scales

With more than one million scales in use today, ACU-RITE precision glass scales withstand the elements of contamination found in even the harshest machine shop environments. As a result, our precision glass scales resist changes in size, shape or density due to temperature and humidity variations. This stability provides exceptional accuracy down to $\pm 1.5\mu\text{m}$ (.00006"), resulting in tighter workpiece tolerances. ACU-RITE scales are available in travel lengths from 1"-773" and in resolutions from $0.5\mu\text{m}$ (.00002") to $5\mu\text{m}$ (.0002").

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