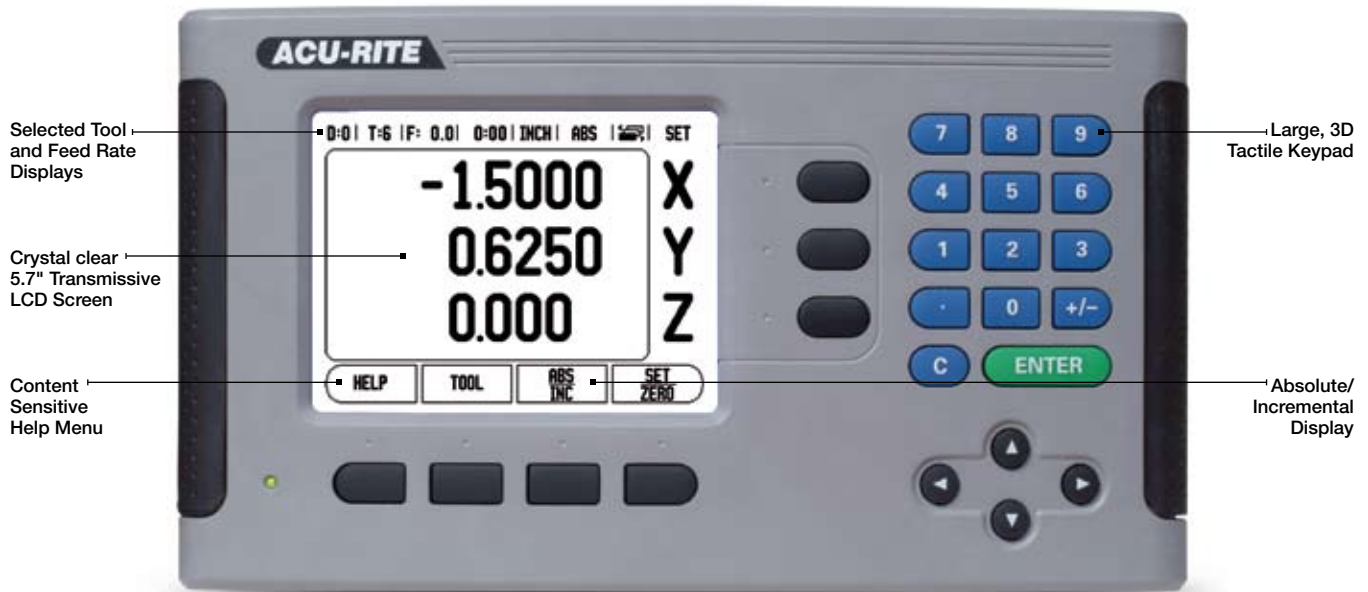


200S

LCD DIGITAL READOUT SYSTEMS



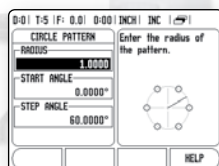
The most popular digital readout system in the machine tool marketplace, the 200S incorporates LCD display technology with versatile software to accommodate milling, turning and grinding applications. Designed and manufactured in the USA, ACU-RITE readouts are the first choice of machine tool builders and users alike.



ACU-RITE

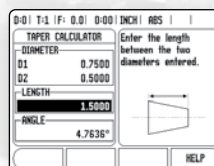
Milling Applications

Bolt hole pattern calculations for full and partial circles with on screen graphics.



Turning Applications

Menu driven taper calculator provides machine to zero ease of use.



Grinding Applications

Increase the speed and accuracy of grinding and general purpose applications.



200S Technical Data

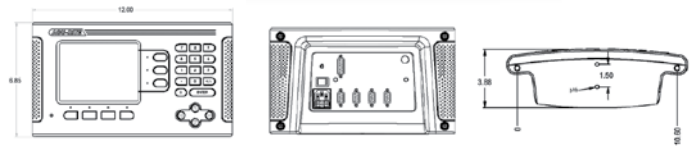
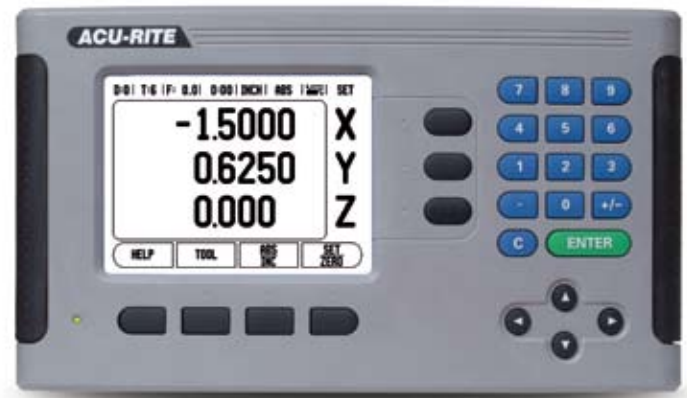
Display

2 or 3 Axes
5.7" Transmissive LCD

Common Functions

Job Clock
Feed Rate Display
Multiple Language Support
Absolute/Incremental
Near-Zero Warning with Graphics
Help Function
16 Tool Offsets/Diameter
Preset and Zero Reset
4 Function Calculator/Trig Calculator
Instant Inch/mm Conversion
Position-Trac™ Home Reference System
Linear/Non-Linear Compensation up to $\pm 9,999$ ppm

ASK ABOUT
OUR TRADE-IN
PROGRAM!



Milling Specific Functions

Bolthole Pattern Calculations with Graphics
(full and partial circles/linear patterns)
Centerline Calculation *establish workpiece zero and midpoints*
Edgefinder/Touch Probe Input
Mill Line Step
Mill Arc Step

Turning Specific Functions

Lock Axis Feature *establish tool offsets with the tool under load, resulting in reduced tool deflection.*
Instant radius / diameter conversion
Taper calculator
Vectoring

Options

CSS (Constant surface speed) *for turning applications*
I/O (Input/Output)
Electronic Edgefinder
DRO handle kit, DRO panel mount kit

Construction

Die-Cast Metal

Weight

4.85 lbs.

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° to 45° C (32° to 113° F)

Storage Temperature

-20° to 70° C (-22° to 158° F)

With more than one million in use today, ACU-RITE Precision Glass Scales withstand the elements of even the harshest machine shop environments. Built to resist changes in size, shape, or density due to temperature and humidity variations, this stability provides exceptional accuracy, resulting in tighter workpiece tolerances.

ACU-RITE scales are available in travel lengths from 1" - 773" and in resolutions from 0.5 μ m (.00002") to 5 μ m (.0002).

ACU-RITE®



Certifications

ISO-9001:2001, UL, CSA, CE