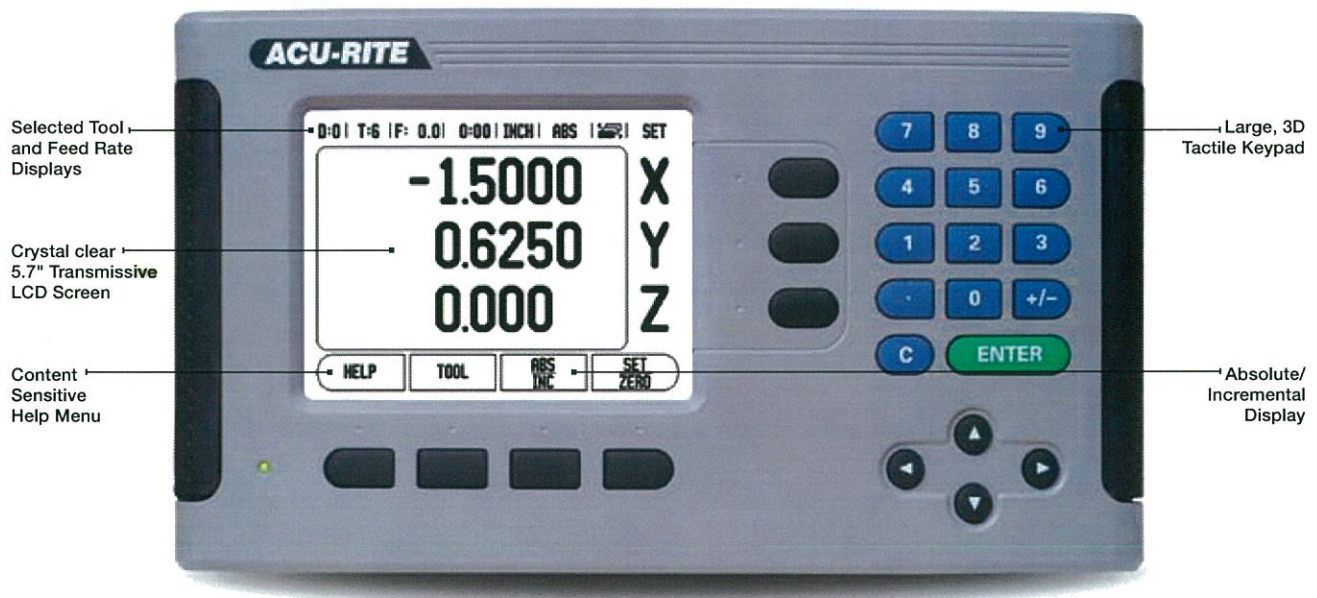
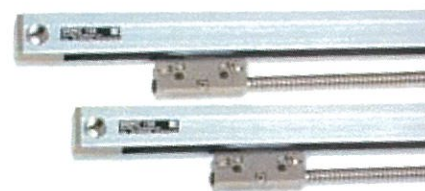


# 200S

## LCD DIGITAL READOUT SYSTEMS

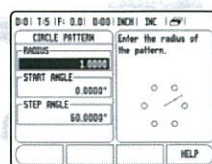


The most popular digital readout system in the machine tool marketplace, the 200S incorporates LCD display technology with versatile software to accommodate milling, turning and grinding applications. Designed and manufactured in the USA, ACU-RITE readouts are the first choice of machine tool builders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

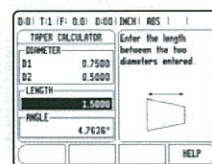


**ACU-RITE**

**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.





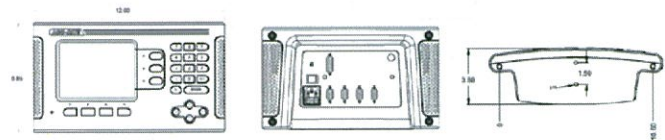
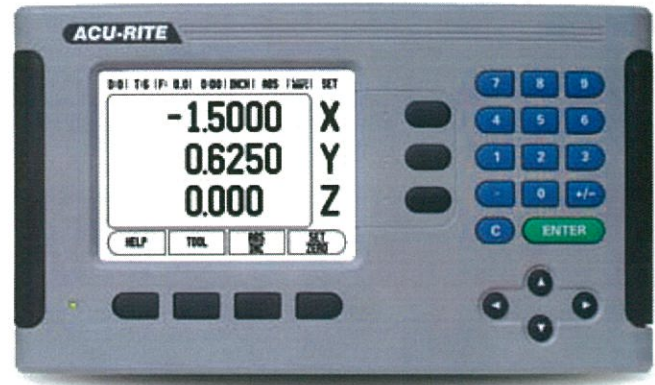
# 200S Technical Data

## 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



## 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

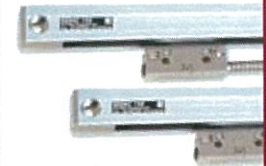
Voltage of 100-240 VAC.  
Power of 30 VA max.  
Frequency of 50/60 Hz (+/-3Hz)

## 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 $\mu$ m (.00002") to 5 $\mu$ m (.0002).

# ACU-RITE®



## Certifications

ISO-9001:2001, UL, CSA, CE