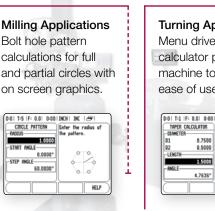
2005

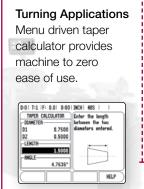
LCD DIGITAL READOUT SYSTEMS

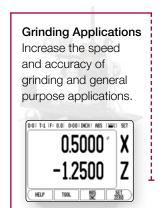


The most popular digital readout system in the machine tool marketplace, the 200S incorporates LCD display technology with versatile software to accommodate milling, turning and grinding applications. Designed and manufactured in the USA, ACU-RITE readouts are the first choice of machine tool builders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









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

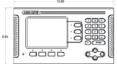
Instant Inch/mm Conversion

Position-Trac[™] Home Reference System

Linear/Non-Linear Compensation up to ±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 0.5µm (.00002") to 5µm (.0002).





Certifications ISO-9001:2001, UL, CSA, CE pn. 9951-0201 rev. 09.09