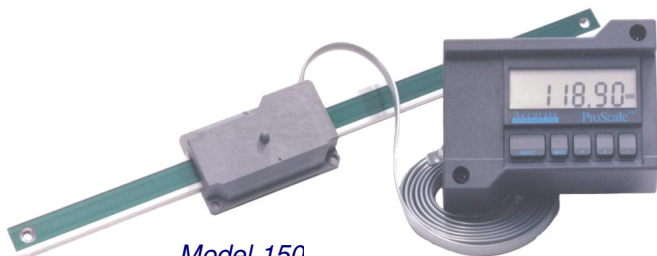


General Purpose Measuring Systems



ProScale™

- **Set and Forget:** With ProScale ABS your calibration settings are not lost due to power interruption. The absolute technology will remember its place even when you change the batteries.
- **Dual Measurements:** With ProScale you can measure or position your system in absolute mode, switch to incremental mode for relative measurements, and return to the absolute mode with no loss of measurement or accuracy.
- **2 Models:** Model 150 for measurements up to 18 inches (450mm) and Model 250 for measurements up to 20 feet (6m). Both systems support multiple readheads and displays on the same scale.
- **Easy Operation:** Front panel buttons for Zero, \pm Offsets, Programming, Absolute/Incremental measurements, Sample Hold, Data Send, Monitor and Custom Programming Functions.
- **Choice of Measurement Units:** Most readouts will display readings in Millimeters, Centimeters, Decimal inches or Fractions.
- **Display/Power Choices:** ProScale Displays are available as LCD or LED. Power options include battery operation or 24VDC. Styles include flush mount and panel mount.
- **Built In SPC:** With SPC output you can plug in your favorite SPC data collection system and log readings as you see them on the display.
- **Accessories:** With available accessories such as ProMUX, Pro-RF and Analog/Digital converters, ProScales can be used in a variety of systems and applications.



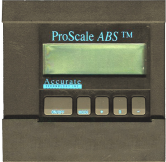


Model 150



Model 250

"ProScale: Filling the gap between tape measures and high precision linear encoders".

Digital Displays Available:

| | Style | Display Type | Size In. (mm) | Power | Display Part # | ProScale System Option | Features |
|---|---------------|---------------------|----------------------------|-----------------------|------------------------------|------------------------|---|
|  General Purpose | Surface Mount | General Purpose* | 4.5 x 3.3 (115x85) | 2AA Battery 24VDC | 700-1600-200 700-1600-205 | -200 -205 | SPC Out* Hold Reading* ABS/Incremental* Custom Programming* |
| | LCD | Basic§ | | 2AA Battery | 700-1600-220 | -220 | Monitor Position/Limit*§ Scaling Multiplier*§ |
| | | Wireless+ | | 2AA Battery | 700-1600-250 | -250 | Fractions, Inches, MM*§ Wireless Data Output+ |
|  Basic | Panel Mount | General Purpose* | 1/4 DIN 4 x 4 (105x105) | 24VDC 2D Batteries | 700-1600-300 700-1600-400 | -300 -305 | SPC Out* Hold Reading* ABS/Incremental* Custom Programming* |
| | LCD | Basic§ Basic§ | | 24VDC 2D Batteries | 700-1600-305 700-1600-405 | -400 -405 | Monitor Position/Limit*§ Scaling Multiplier*§ Fractions, Inches, MM*§ Backlight*§ (24V only) |
|  | Panel Mount | LED | 1/8 DIN 4 x 2 (105x 50) | 24VDC | 700-1600-090 | -090 | RS485 Output Limit Signal Output ABS/Incremental Inches, MM |
|  | Panel Mount | Back lit LCD | 1/4 DIN 4 x 4 (105x105) | 24VDC | 700-1600-110 | -110 | Position Control Unit Motor Relay Output 0-10V Analog Output Monitor Position Custom Programming Inches, MM |
|  | Panel Mount | Back lit LCD | 5.6 x 2.75 (144x72) | 24VDC | 700-1600-500 | -500 | 2 Independent Inputs Send Data (SPC,RS232) Hold / Monitor Reading ABS/Incremental/Offset A+B, A-B, ArcTangent Programmable outputs Inches, MM |

Standard Measuring Lengths:

| | 10 Inches 250mm | 12 Inches 300mm | 18 Inches 450mm | 24 Inches 600mm | 52 Inches 1.3 m | 96 Inches 2.4 m | 10 Feet 3.0 m | 12 Feet 3.6 m | 20 Feet 6.0 m |
|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|
| Model 150 | ✓ | | ✓ | | | | | | |
| Model 250 | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Model 150x | 10 x 10 | | 10 x 18 | | | | | | |
| Model 250x | | | 18 x 48 | | | 48 x 96 | | | |

General Product Specifications

Accuracy: ± (.001 + .0025 x L / 17) in ± .008in max error @ 4-20 feet
 ± (.025 + .064 x L / 430) mm ± .20mm max error @ 1.3 - 6 meters
 L = measured length in inches or mm
Resolution: .1mm/.01cm/.01in; or .01mm/.001cm/.001in; or .01mm/.001cm/.0004in
Measurement Range: ± 9999.99 mm; ± 999.999 cm; ± 999.999 in; ± 399 63/64 in
Temp Coefficient: 25ppm/°C; 13ppm/°F
Warranty: 3 Years
Readhead Cable Length: 12, 24, 36, or 120 in (120in Standard)
 300, 600, 900mm, or 3m (3m Standard)
 20ft (6m) Special order only

Available from: