

## ProScale Digital Readouts

	<p><b>Basic LCD</b></p> <p>A fully enclosed case for easy surface mounting in a variety of locations. The Basic Readout is the ideal choice for most machinery and simple measuring applications. This readout has simple operation, and limited programmability.</p> <p>Part Number: 700-1600-230</p>	<p><b>Dimensions</b> 4.5 x 3.5 x 1.5 in. 115 x 90 x 40 mm</p> <p><b>Output(s)</b> None</p> <p><b>Power</b> 1 CR123 3v Li Battery (or equivalent)</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 150 Model 250 Model 180/190 Model 280/290 Model 380/390 Model 580/590</p>
	<p><b>General Purpose LCD</b></p> <p>This Readout has a full feature set of programmable options and functions. Single button for Absolute/Incremental measurements and Offsets. It can operate on battery or DC, has SPC and programmable output signals and is ready for a ProRF wireless transmitter.</p> <p>Part Number: 700-1600-235</p>	<p><b>Dimensions</b> 4.5 x 3.5 x 1.5 in. 115 x 90 x 40 mm</p> <p><b>Output(s)</b> Digimatic® and programmable open collector signal</p> <p><b>Power</b> 1 CR123 3v Li Battery or 12-24 VDC</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 150/150G Model 250/250G Model 180/190 Model 280/290 Model 380/390 Model 580/590 ProStop</p>
	<p><b>General Purpose E LCD</b></p> <p>This 'Enhanced' Readout has the same full feature set of options and functions as the General Purpose, plus a 126 point Non-Linear Error Compensation table and automatic Temperature Compensation for the best accuracy under various operating environments.</p> <p>Part Number: 700-1600-236</p>	<p><b>Dimensions</b> 4.5 x 3.5 x 1.5 in. 115 x 90 x 40 mm</p> <p><b>Output(s)</b> Digimatic® and programmable open collector signal</p> <p><b>Power</b> 1 CR123 3v Li Battery or 12-24 VDC.</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProTable ProTable XY ProTable CAB ProPanel HD E ProKit 580/590</p>
	<p><b>950 Series LCD</b></p> <p>This readout has all the features of the General Purpose E except DC power and programmable output signal. This is a direct replacement for Mitutoyo ProScale 950 Series Systems. Requires 10 pin Encoder connection.</p> <p>Part Number: 700-1600-M50</p>	<p><b>Dimensions</b> 4.5 x 3.5 x 1.5 in. 115 x 90 x 40 mm</p> <p><b>Output(s)</b> Digimatic®</p> <p><b>Power</b> 1 CR123 3v Li Battery.</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 150/150G Model 250/250G Mitutoyo 950-404 950-405 950-406 950-407</p>
	<p><b>¼ DIN In-Panel LCD</b></p> <p>This Readout is a popular choice for OEM products. It's ideal for panel or control box mounted applications. The Encoder, battery or 12-24 VDC connections are located on the back side for easy access. It has the same feature set as the Basic Readout, plus DC operation and output signal.</p> <p>Part Number: 700-1600-435</p>	<p><b>Dimensions</b> 4.0 x 4.0 inches 100 x 100 mm</p> <p><b>Output(s)</b> Digimatic® and programmable open collector signal</p> <p><b>Power</b> 1 CR123 3v Li Battery or 12-24 VDC.</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 150/150G Model 250/250G Model 180/190 Model 280/290 Model 380/390 Model 580/590</p>

	<p><b>Compact LCD</b></p> <p>The Compact Readout is our most affordable and the simplest to operate/program. This Readout is also versatile enough to mount in a panel or on a flat surface. The Encoder input is located on the back side of the case for a clean, clutter free appearance.</p> <p>Part Number: 700-1600-700</p>	<p><b>Dimensions</b> 3.0 x 3.0 x 1.25 in. 75 x 75 x 32 mm</p> <p><b>Output(s)</b> None</p> <p><b>Power</b> 1 CR123 3v Li Battery (or equivalent)</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions ± 399 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 180/190 Model 280/290 Model 380/390 Model 580/590</p>
	<p><b>1/8 DIN In-Panel LED</b></p> <p>This in-panel mounted, easy to see Red LED Readout is an ideal choice for OEM applications. This Readout has 3 independent measurement reference modes. Rear facing Encoder input and signal outputs provide easy access.</p> <p>Part Number: 700-1600-090</p>	<p><b>Dimensions</b> 4.0 x 2.0 x 3.0 in. 100 x 50 x 75 mm</p> <p><b>Output(s)</b> RS485</p> <p><b>Power</b> 14-24 VDC</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01</p>	<p><b>Works with</b> ProScale Model 150G Model 250G Model 180/190 Model 280/290 Model 380/390 Model 580/590</p>
	<p><b>In-Panel Dual Input</b></p> <p>This 2 Input backlit LCD Readout is designed for a panel or control box mounting. It has 2 independent rear facing Encoder inputs, plus two Data outputs, RS232 and power connections. Add, subtract and calculate input measurements.</p> <p>Part Number: 700-1600-500</p>	<p><b>Dimensions</b> 5.5 x 2.75 x 3.4 in. 140 x 70 x 85 mm</p> <p><b>Output(s)</b> RS232 &amp; 2 SPC Data (Digimatic)</p> <p><b>Power</b> 12-24 VDC</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99 cm: ± 999.999 fractions: ± 99 63/64</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01 cm: .1 or .01 or .001 fractions: 1/16 or 1/32 or 1/64</p>	<p><b>Works with</b> ProScale Model 150G Model 250G Model 180/190 Model 280/290 Model 380/390 Model 580/590</p>
	<p><b>Virtual Digital Readout</b></p> <p>Virtual Digital Readout, VDRO is a Windows® software application designed to replace hardware Readouts and provide a cost effective solution for applications where one or two measurements are required.</p> <p>Part Number: 700-1600-VDR</p>	<p>Data files are imported and exported using .csv format. Part information may be displayed during measurement via .pdf file format.</p> <p>Windows XP, Win 7, 8</p>	<p><b>Range</b> in: ± 999.999 mm: ± 9999.99</p> <p><b>Resolution</b> in: .1 or .01 or .001 mm: .1 or .01</p>	<p><b>Works With</b> ProScale Model 150G Model 250G Model 180/190 Model 280/290 Model 380/390 Model 580/590 ProTable ProTable CAB</p>

Readout Feature Comparison	Battery Operation	DC Operation	Auto On/Off	Program. DATUM	Offset Addition	Upper/Lower Limit	Go/NoGo	Position Monitor	Drift Alert	Output Signal	Linear Comp.	Non-Linear Comp.	Temperature Comp.	Summ/Difference	Statistics	Wireless Ready	Fractions	Output
Basic	•		•	•		•					•						•	
General Purpose	•	•	•	•	•	•	•	•	•	•	•				•	•	•	Digimatic
General Purpose E	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	Digimatic
950	•		•	•	•	•	•	•	•	•	•		•		•	•	•	Digimatic
In Panel LCD	•	•	•	•						•	•						•	Digimatic
Compact	•		•	•													•	
In-Panel LED		•								•								RS485
In-Panel Dual input		•						•	•	•	•			•		•	•	RS232
VDRO				•		•									•	•		.csv