

9325 PORTABLE SENSOR DISPLAY (U.S. & METRIC)

The 9325 allows simple display of strain bridge based measurements such as load cells, torque transducers, and other mV/V output transducers with sensitivity up to +/-1 V/V.

Up to six calibration ranges are available allowing for different loading modes (tension and compression) or different sensors. Each calibration range will remember settings that contribute to the user experience such as selected units and tare values.

TEDS devices using templates 33, 40, and 41 can be connected and will update the viewed calibration. The last twenty TEDS devices connected will be remembered and recognized when connected again reverting to the last user experience settings for that device. TEDS can be disabled and the internal calibration ranges become available again.

There are also up to six display modes available. These determine what is visible on the LCD display and what actions are available from the set of three soft keys. Full configuration is available with a PC based toolkit. Some simple configuration such as two point calibration is available from the handheld using the menu system.

FEATURES & BENEFITS

- USB port providing configuration, calibration, save & restore, and live logging
- Superior Linearity Performance Specifications
- Measurement Rate up to 2400 Samples per Second
- High Internal Resolution (up to 500,000 counts)
- IP64 Environmentally Protected Enclosure
- Battery Powered (Long Battery Life)
- 128 x 64 Graphical Display with Backlight
- Multiple Display Modes (Peak/Valley, Delta, Live, Gross and Net)
- Logging and Graphing to PC (Software is Included)
- Supports TEDS Template 33, 40, and 41
- Live Calibration and Multi-point Calibration
- Standard Audio Alarm

CONNECTION OPTIONS

- Model 9325 to Bayonet-type Connection Cable
- Model 9325 to Screw-type Connection Cable
- Model 9325 to D Sub Connection Cable
- Add Mating Connector to Integral Transducer Cable
- Custom Cables

STANDARD CONFIGURATION

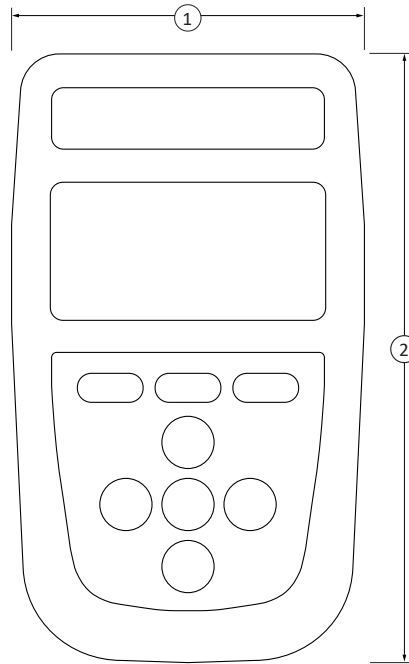


MODEL 9325 (Shown)

SPECIFICATIONS

ELECTRICAL		
Excitation Voltage – VDC		3.3
Current – mA		35
PERFORMANCE		
Maximum Display		±9,999,999
Internal Resolution – bit		24
Signal Input Range – V/V		±1
Readings Per Second		up to 2,400
Nonlinearity – %FS		0.0002
ENVIRONMENTAL		
Operating Temperature	°C	-10 to +50
	°F	+14 to +122
Storage Temperature	°C	-20 to +85
	°F	-4 to +185
Operating Humidity Range - %RH		0 to 95
Offset Temperature Stability - nV/°C @ 2.5mV/V		12
Gain Temperature Stability - ppm/°C		1 (2 MAX)
Enclosure		IP64
POWER		
Power		2 x AA Batteries or USB
Battery Life - hrs		60
MECHANICAL		
Dimensions - W x H x D	mm	170 x 94 x 42
	in	6.7 x 3.7 x 1.65
Weight	g	330
	lbs	0.73
Display - pixels		128 x 64
Connector Type		8-pin Binder Model 770 Miniature Bayonet-type
TEDS		
TEDS Templates Supported		33, 40, and 41

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DIMENSIONS

See Drawing	in	mm
1	3.7	94
2	6.7	170
Height	1.65	42