

----- INTERFACE PRODUCT BULLETIN -----

### **9330 High Speed Portable Display and Data Logger**

Interface is pleased to introduce the 9330 High Speed Portable Display and Data Logger.

This digital indicator can be used as a battery operated, hand-held data recorder, or placed in the laboratory for stationary use with AC power. It is capable of taking measurements up to 3750Hz with 24-bit resolution and recording to a removable SD card at 1000Hz. Portability is certain with its 20 hour battery life and 300 hour standby mode.

Those benefits include:

- ✓ Versatility
- ✓ Portability
- ✓ Battery Operated
- ✓ Fast Data Collection
- ✓ USB Interface & Software Included
- ✓ Removable SD Card

The 9330's portability allows for both physical flexibility as well as data-recording flexibility. It works well for the experienced engineer, the university student, or the novice tester who needs to both continuously change the test cell and reliably collect test data for analysis.

Attachments:

- ✓ Data Sheet
- ✓ Press Release
- ✓ Pricing
- ✓ Application Note (Coming Soon)

# Model 9330 High Speed Portable Display and Data Logger

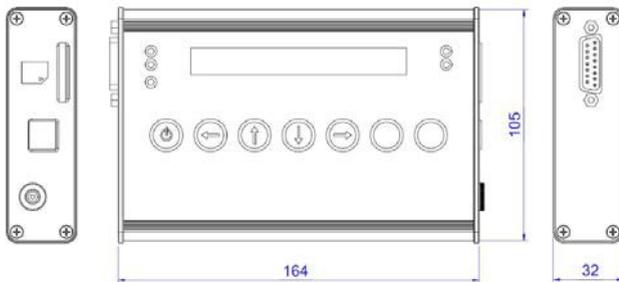
- 24 bit resolution
- 3750 Hz update rate
- Peak and valley capture
- Log to SD card at 1000Hz
- USB Port with software
- $\pm 5V$  analog output
- Rechargeable battery
- 20 Hour battery life/ 300 hour standby
- Stores up to 6 sensor calibrations
- Powers up to 4x 350 ohm sensors



## OPTIONS & ACCESSORIES

IP 65  
SD Card – Class 10

## DIMENSIONS



## SPECIFICATIONS

<b>Accuracy – (MAX ERROR)</b>	
Nonlinearity - %FS	+/-0.02
<b>Temperature</b>	
Effect on Zero - % FS/°C	+/-0.01
Effect on Output - %/°C	+/-0.001
Operating Range - °C	0 to +50
Storage Range - °C	-20 to +70
<b>Electrical</b>	
Input – mV/V	+/-3.5 mV/V
Excitation Voltage – VDC	2.5 or 5
Internal Resolution	24-bit
Conversion rate – Hz	3750
Logging rate to SD card – Hz	1000
Filters	Selectable
Electrical Connection	15-Pin DSUB
Supply – VDC	7-27
<b>Mechanical</b>	
Dimensions – L x W x H – mm	35 x 171 x 110
Backlit Display	9mm HIGH, 16 character
Weight - g	610
Protection	IP51 / IP65

## Interface Announces Immediate Availability of the 9330 High-Speed Portable Display and Data Logger

Interface Inc., the recognized leader in force measurement technology, is pleased to announce our 9330 High-Speed Portable Display and Data Logger. This digital indicator can be used as a battery operated, hand-held data recorder, or placed in the laboratory for stationary use with AC power. The 9330 is capable of taking measurements up to 3750Hz with 24-bit resolution and recording to a removable SD card at 1000Hz. Portability is certain with its 20 hour battery life and 300 hour standby mode.



9330 High-Speed Portable  
Display and Data Logger

"This is a good tool for the engineer as well as the scientist for recording force measurements from a load cell, torque transducer, or other sensor. The 9330, which is completely portable, provides full capability to log and save the test data on its SD card, making it possible to record data and analyze it later on your personal computer. It's really easy-to-use with the USB interface and software that comes with it. It's a great addition to any lab or work area doing test and measurement analysis", says Interface Applications Engineer, Jack Ballistrea.

"Customers need more intuitive indicators, with faster data collection and in-situ storage for their testing needs", stated Keith Skidmore, Product Manager for Torque and Instrumentation. "We wanted to provide a portable solution to complement the applications customers are working on with our load cells and torque transducers. The 9330 works with any load cell, and reaction type or slip-ring style

rotary torque transducer, providing support for quarter bridges, half bridges and full bridges. The 9330 amplifier has integrated bridge competition for all 120 ohm, 350 ohm and 1000 ohm strain gauges.”

In automotive applications (General Motors, NYSE:GM; Toyota, NYSE: TM, and many others) it’s important that individual tests can be readily performed – where it's required that the data to be monitored and collected right in the test cell. The 9330’s portability allows for both physical flexibility as well as data-recording flexibility. It works well for the experienced engineer, the university student, or the novice tester who needs to both continuously change the test cell and reliably collect test data for analysis.

**About Interface, Inc.:**

Founded in 1968, Interface, Inc. is the worldwide leader in providing precision load cells, torque transducers, instrumentation, multi-axis sensors, and calibration systems to major automotive, aerospace, medical, energy, and materials testing facilities. The Interface Gold Standard calibration load cell is the standard used in all of the major testing and metrology labs around the world

**For more information about the 9330 Data Logger  
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**For more information about Interface Force Measurements, please visit our website:**

[www.interface.uk.com](http://www.interface.uk.com)