

## MODEL 9250 PRECISION DIGITAL SIGNAL CONDITIONER

2-pt Calibration  
6-pt Linearization Calibration  
1-pt mV/V Calibration  
Scalable +/-10V Analog Output  
16-Bit Analog Output  
Direct to PC with RS-232 Data  
24-Bit Resolution  
Multiple Filter Selections  
Storage for Two Calibrated Transducers  
Remote Sense Excitation  
Addressable for Serial Network  
Tare, Peak, Valley  
Synchronized Sample Collection  
Temperature Compensation  
Units Supported: lb, kg, in, cm, mm, %



The Model 9250 Digital Signal Conditioner is a precision digitizing signal conditioner that is designed to amplify, filter, and linearize the output of a strain gage sensor and present the user with an idealized analog output voltage and a serial RS-232 data output suitable for direct connection to a PC.

### SPECIFICATIONS

#### Excitation

Voltage 5 VDC  
Nominal Load 350 Ohms

#### Operation

Internal Resolution 24-bit  
Input Range +/-5.5 mV/V (up to +200 mV/V available)  
Conversion Rate 60 per second  
Error 0.01%, +/-1 count

#### Outputs

Analog 16-bit, scalable, +/-10V  
Serial Data Multi-drop RS232

#### Power

Power 5 VDC, 150 mA  
Adapter 110/240 VAC, 60/50 Hz

#### Mechanical

Dimensions 5.5"L x 2.75"W X 1.2"H  
Weight 8.3 oz. (235 g)