

## Relative Humidity Sensors

Model	Applications	Humidity Operating Range	Accuracy (@68°F @20°C)	Output	Operating Temperature	Passive Thermistor Option	Passive RTD Option	Active Temperature Option
SRH Wall Mount	HVAC/R Control Indoor Air Quality-IAQ Laboratories	0-100%RH	5% 3% or 2% Optional	4 to 20 mA 0 to 5 VDC (userselectable)	-40 to 60°C (-40 to 140°F)	NTC10KOhm (Direct Connect)	1000Ohm (Direct Connect)	-58 to +140°F -50 to +60°C +14 to +140°F -10 to +60°C
Duct Mount	Antiquities Preservation							
Outdoor Mount								

## Digital Current Transducers

Model	Model No.	Multi-Range	Output	Accuracy (% of Selected Range)	LED	Output Relay	Actuation Coil	Supply Voltage
CTC	CTCG420NN	30/60/120 A	4 to 20 mA	±2%	No	No	No	24 DC Loop Power
	CTCGV05NN	30/60/120 A	0 to 5 VDC	±2%	No	No	No	Self-Powered
	CTCGV10NN	20/100/150 A	0 to 10 VDC	±2%	No	No	No	Self-Powered
CCROptRelay	Model No.	Operating Voltage Range	Minimum Operating Current	Output Contact Ratings	LED Status Indicator			
	CCR-12	10 - 14 VAC/VDC	35 mA	SPST-NO10A@260VAC60HZ 5A @ 30 VDC	Yes			
	CCR-24	18 - 30 VAC/VDC	20 mA	SPST-NO10A@260VAC60HZ 5A @ 30 VDC	Yes			

## Digital Current Switches

Model	Model No.	Case	Set Point Range	Switch Setpoint	Current Capacity	LED	Switch Rating	Sensing Aperture
CSS Solid Core w/Snap-on Relay	CSSGFN025NN	Solid Core	0.25 A	Fixed	200 A	No	1A@30VAC/DCmax.	0.71 in. Dia.
	CSSGA2100NN	Solid Core	1.00-135 A	Adjustable	135 A	Yes	1A@30VAC/DCmax.	0.71 in. Dia.
	CSSGA2100RW/Snap-on Relay	Solid Core	1.00-135 A	Adjustable	135 A	Yes	1A@30VAC/DCmax.	0.71 in. Dia.
CSC Split Core w/Snap-on Relay	CSCGFN015NN	Split Core	0.15 A	Fixed	200 A	No	1A@30VAC/DCmax.	0.72x0.78in.
	CSCGFN150NN	Split Core	1.5 A	Fixed	200 A	No	1A@30VAC/DCmax.	0.72x0.78in.
	CSCGA2125NN	Split Core	1.25 A-135 A	Adjustable	135 A	Yes	1A@30VAC/DCmax.	0.72x0.78in.
	CSCGFN150RW/Snap-on relay	Split core	1.5 A	Fixed	200 A	No	1A@30VAC/DCmax.	0.72x0.78in.
	CSCGA2125R1 w/Snap-on relay	Split core	1.25-135A	Adjustable	135 A	Yes	1A@30VAC/DCmax.	0.72x0.78in.

## Pressure Generating and Documenting Calibrators

Model	Applications	Ranges	Accuracy Full Scale (RSS)	Controlled Pressure Stability	Calibration Stability	Resolution
869/869XP	Pharmaceutical Processing Hospital Critical Care Units Research Laboratories Semiconductor Manufacturing Biotechnology Processing Clean Rooms Animal Resource Facilities	Range One 0 to 0.5, 1, 5, 2.5, 15, in. W.C. Range Two 0 to ±0.25, 0.5, 1, 2.5, 5, 15 in. W.C. Range Three 0 to ±0.25, 0.5, 1, 2.5, 5, 15 in. W.C.	±0.04%	0.01% FS/YR	0.2% of Rdg.	Up to 1 ppm

## Digital Displays, Digital Systems, Manometers, and Gas Cylinder Weighing Scales

### DIGITAL/PROGRAMMABLE PRESSURE TRANSDUCERS FOR BAROMETRIC PRESSURE



Models 370, 470, and 470T w/ Extended Temperature Transfer Standard, Altimeter Calibration Recertification, Lab or Production Process Monitoring, Altitude Chambers.

Type of Measurement	Pressure Ranges	Accuracy	Digital Output
Barometric Pressure	500-1100 hPa/mb (470T only)	±0.02% FS	±0.02% FS
Absolute Pressure	600-1100 hPa/mb 800-1100 hPa/mb 0 to 10, 20, 50, 100 psia	Non-Linearity ±0.012% Terminal Method	Model 470T: IRS-232/5VDC Exc

### DIGITAL PRESSURE DISPLAY



The 328 and LD330 are low power 3 1/2 digit analog LCD displays, packaged to be wired in line with a Setra pressure transducer and the user's power supply. The LD330's compact construction, 1.5" H x 1.65" W, allows transducer and power supply connection through Bayonet, Mini-Din, D-Sub or Molex style connectors. Designed for use in high density modular block gas sticks that are required for today's 300mm tools, the Model 328 has a 1-1/8" footprint with a choice of 9 pin D-Sub or 15 pin D-Sub connection to the transducer and power supply.

### DIGITAL PRESSURE MANOMETER AND DUAL CHANNEL METER



**Datum 2000®**  
The DATUM 2000® meter is a self contained dual channel system for accurately displaying an output from one or two transducers located at a remote location. It features an analog to digital converter with an LED display, and programmed with a selectable menu, the DATUM 2000® can be calibrated by the user or at the factory. The DATUM 2000® manometer is a DATUM meter combined with either a model 204, 204D, 239 or 270 transducer in a versatile 1/4 DIN package. These high accuracy pressure systems can be used as a benchtop reference or panel mounted. The second channel is available for other remote analog instruments.

### Gas Cylinder Weighing Scale



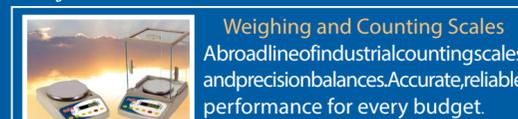
**Model 321**  
Reduce replacement costs, eliminate off-center loading, and prevent shutdown with the Model 321. A compressed pivot design and multiple strain gauge element support, provides a low profile for easy off-loading and accurate weight measurement.

Ranges	Accuracy	Thermal Effect ±%FS 100°F/50°C	Output
0 pounds to 30, 60 0 Kilograms to 30, 135	0.10% FS	1.0 (0.9) Zero 1.0 (0.9) Span	4 to 20 mA

We accept



Also from Setra...

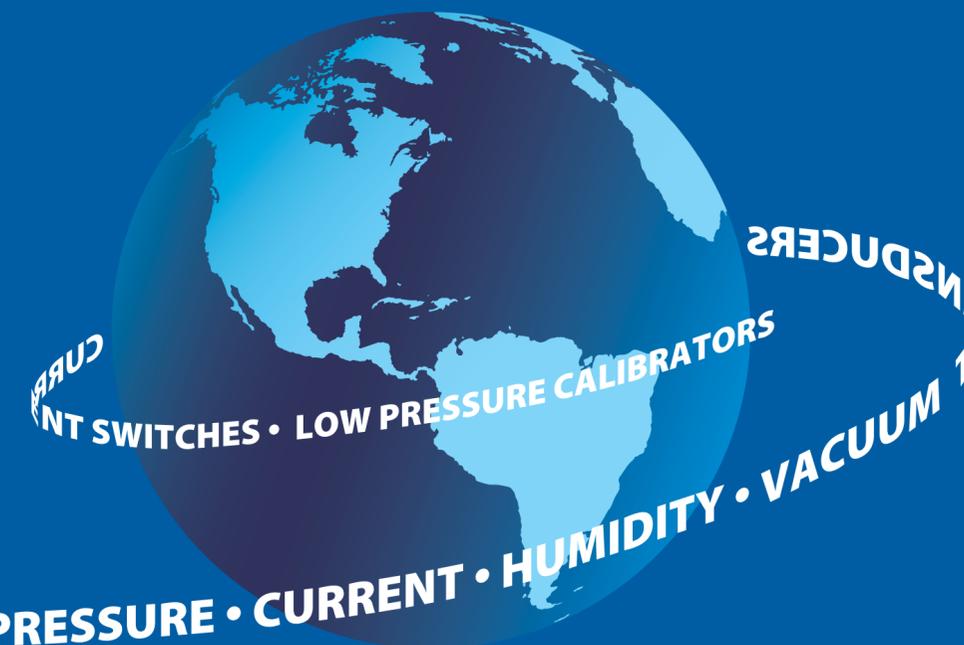


**Weighing and Counting Scales**  
A broad line of industrial counting scales and precision balances. Accurate, reliable performance for every budget.



**Dolan-Jenner Industries**  
Illuminating Solutions for over 40 Years  
The Fiber-Lite LMI-6000 Illuminator is perfect for microscopy, forensics, assembly, quality, and inspection.

# setra Sensing Solutions



## ORDERING INFORMATION

For application or purchase assistance, call:

**800-257-3872**

978-263-1400 or Fax: 978-264-0292

Email: sales@setra.com

Website: http://www.setra.com

Address: Setra Systems, Inc.

159 Swanson Road, Boxborough, MA 01719

Representative

## Room Pressure Monitoring for Critical Environments



### Model SRPM Room Pressure Monitor

Features:

- Touch Screen Display
- SPST Alarm Relay
- Visual, Red and Green, Room Status
- Positive and Negative Pressure Monitoring
- Variable Alarm Delay
- Local Audible Alarm
- Bar Graph Display
- Door Status Monitor
- BACnet

### Model SRCM Flush-Mount Room Pressure Monitor

Features:

- Flush Mountable
- Touch Screen Display, Full Condition Banner
- BACnet® Option or Field Upgrade
- CE and RoHS Compliant
- Display up to 4 Parameters/Room: Pressure, Temperature, Humidity & CO<sub>2</sub>
- Local Audible Alarm
- SPDT Alarm Relay
- Internal and Remote Sensor Installation
- Positive, Negative and Neutral Pressure Monitoring
- Door Status Monitor

### Model SRPM and Model SRCM Specifications

Ranges	Accuracy Full Scale (RSS)	Thermal Effect %FS/100°F/%FS/50°C	Media	Excitation/Output
0 to ±0.05, 0.1, 0.25, 0.5, 1.0, 2.5, 5.0 in. W.C. ±25, 50, 100, 250, 500, 1000 Pa	±0.5% FS Optional: ±0.25% FS	±3.0 (±2.5) Zero and Span Combined	Air or Inert Gas	24VAC/0 to 5VDC and 0 to 10VDC or 4 to 20mA 24VAC w/BACnet®



### Model MRMS Multi-Room Monitoring Station

- Remotely Monitor up to 8 Rooms
- Auto-Discover
- Built-In Audible & Visual Alarms
- Display Room Status & Condition



### Model SRMD Remote Measurement Display

- Remote Temperature and Humidity Display
- Highly Visible LCD (available in red, green, or blue)
- Both Single and Dual-Display Models Available

## Accessories



### Model SRAN Remote Annunciator

- Green LED, Normal Indication
- Red LED, Alarm Indication
- Buzzer, Audio Alarm, ADJ.
- Acknowledge Switch



### Model RPS Room Pressure Snubber

(Wall Mount Pressure Taps)  
The RPS is a room static pressure sensor that has the same footprint (2.75" W x 4.5" H) as your standard electrical wall plate and electrical box.

# Selection Guide

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