

# Micromanometers

## Easily take HVAC pressure measurements

These robust instruments can be used with pitot probes to measure duct velocity. The DP-Calc 5815 is a simple to operate, hand held digital micromanometer for fast, accurate differential and static pressure measurements. The high-performance DP-Calc 5825 can calculate flow and has data logging capabilities.

### 5815 Features

- Differential and static pressure
- Velocity and pitot tube
- Calibration report

### 5825 Additional Features

- Actual and standard velocity
- Calculates flow
- Variable time constant
- Sample statistics
- Data logging with time-and-date stamp
- Stores 12,700+ samples and 100 test IDs
- Includes LogDat2™ downloading software
- Programmable K factors
- Calculate and display velocity when using a pitot tube
- Measure differential and static pressure from -15 to 15 in. H<sub>2</sub>O



SPECIFICATIONS	
<b>Static / differential pressure</b>	
Range	-15 to 15 in. H <sub>2</sub> O (-28.0 to 28.0 mm Hg, -3735 to 3735 Pa)
Resolution	0.001 in. H <sub>2</sub> O (0.01 mm Hg, 0.1 Pa)
Accuracy	±1% of reading, ±0.005 in. H <sub>2</sub> O (±0.01 mm Hg, ±1 Pa)
<b>Velocity (pitot tube)</b>	
Range	250 to 15,500 ft/min (1.27 to 78.7 m/s)
Resolution	1 ft/min (0.1 m/s)
Accuracy	±1.5% at 2000 ft/min (10.16 m/s)
Duct size (5825 only)	1 to 250" in increments of 0.1"
<b>General</b>	
Data storage capabilities	12,700 samples and 100 test IDs
Logging interval	1 second to 1 hour
Operating temperature	40 to 113°F (5 to 45°C)
Dimensions (L x W x H)	7" x 3 3/8" x 1 3/4" (178 x 84 x 46 mm)
Power	Four AA batteries

What's included: Operation and service manual, hard carrying case, four AA batteries, and calibration report. Model 5825 also includes one 8-ft (2.4 m) rubber tube, static pressure tip, downloading software, and USB cable.

Catalog No.	Model No.	Description
TS-05959-29	5815	Micromanometer, pressure, velocity
TS-10518-77	5825	Micromanometer, pressure, velocity, flow, data logging
<b>Accessories</b>		
TS-10312-41	634634000	Pitot probe 5/16" (8 mm) diameter — 12" (30 cm) L
TS-10312-42	634634001	Pitot probe 5/16" (8 mm) diameter — 18" (46 cm) L
TS-10312-44	634634003	Pitot probe 5/16" (8 mm) diameter — 36" (91 cm) L
TS-10312-46	634634005	Pitot probe 5/16" (8 mm) diameter — 60" (152 cm) L
TS-10312-45	634634004	Telescoping pitot probe — 8" to 38" (20 to 96 cm) L
TS-09386-01	—	Replacement batteries, AA, 4/pk
<b>TS-17100-31</b>	—	<b>NIST-traceable calibration with data</b>