## **Micromanometers**

## Easily take HVAC pressure measurements

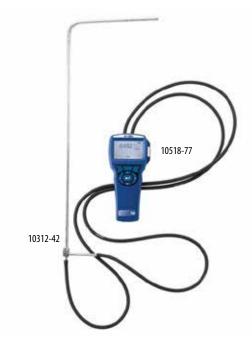
These robust instruments can be used with pitot probes to measure duct velocity. The DP-Calc 5815 is a simple to operate, hand held digital micromanometer for fast, accurate differential and static pressure measurements. The high-performance DP-Calc 5825 can calculate flow and has data logging capabilities.

## 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<sup>™</sup> downloading software
- Programmable K factors
- Calculate and display velocity when using a pitot tube
- Measure differential and static pressure from -15 to 15 in.  $H_2O$



SPECIFICATIONS		
Static / differential pressure		
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	$\pm 1\%$ of reading, $\pm 0.005$ in. H <sub>2</sub> O ( $\pm 0.01$ mm Hg, $\pm 1$ Pa)	
Velocity (pitot tube)		
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"	
General		
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 33/6" x 13/4" (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
Accessories		
TS-10312-41	634634000	Pitot probe 5%" (8 mm) diameter — 12" (30 cm) L
TS-10312-42	634634001	Pitot probe 5/6" (8 mm) diameter — 18" (46 cm) L
TS-10312-44	634634003	Pitot probe 5/6" (8 mm) diameter — 36" (91 cm) L
TS-10312-46	634634005	Pitot probe 5/6" (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
TS-17100-31	_	NIST-traceable calibration with data