

DC580 Airflow Meter

Hot-wire & Vane Anemometer

Features/Benefits:

- Measure air velocity & temperature simultaneously
- Automatically calculate CFM
- Field replaceable hot-wire probe and vane probe
- Telescoping 38" hot-wire probe with ruler markings and flat edge for easy and proper probe alignment
- Communicate with smart phone using built in Bluetooth and Free TPI App
- Rubber boot provides protection; magnets on the back of boot provide hands free use
- Record minimum, maximum & average
- Measuring units: ft/min, mile/h, knots, m/s, km/h

Applications:

- Air velocity measurements in HVAC systems
- Air duct traverse and ventilation analysis to balance commercial and residential HVAC systems
- Fume hoods, floor registers, exhaust grills & more

Air Velocity

- Vane: 80 to 4900 fpm; 0.4 to 25 m/s
- Hot Wire: 40 to 3900 fpm; 0.2 to 20 m/s

Temperature

• -4°F to 140°F (-20°C to 60°C)

DC580: instrument only, no probes or case \$149.95

DC580C1: DC580, hot-wire probe, carrying case \$219.95 DC580C2: DC580, vane probe, carrying case \$209.95

DC580C3: DC580, hot-wire probe, vane probe and

carrying case \$259.95 A581: hot-wire probe

A582: vane probe A580: carrying case





Measure Velocity & Temperature

Tipi DC580

DC580C1 w/ hot-wire probe

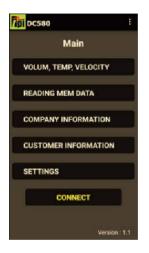


DC580C2 with vane probe

Easy-to-Use Smart Phone App

Save time with documentation.

Smart phone app allows easy documentation that you can share with your customer. Reduce paperwork and save time! See smart phone window examples below. Find the TPI DC580 App at the App Store or Google Play.





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Function	Description	
Hotwire Air	Range	0.2 m/s ~ 20 m/s (40 fpm to 3900 fpm)
	Resolution	0.01 fpm or m/s
	Accuracy	±(5% + 10 digit) or
		±(1% + 10 digit) F.S
	Unit	mph, fpm, m/s, km/h
Vane Air	Range	80 fpm to 4900 fpm (0.4 m/s ~ 25 m/s)
	Resolution	0.1 fpm or m/s
	Accuracy	±(2% + 3digit)
	Unit	fpm, mph, m/s, km/h
Temperature	Range	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
	Resolution	0.1 °F (0.1 °C)
	Accuracy	± 1 °F (32 °F ~ 113 °F)
		± 2 °F (-4 °F ~ 32°F, 113°F ~ 140°F)
		± 0.5 °C (0 °C ~ 45 °C)
		± 1 °C (-20 °C ~ 0°C, 45°C ~ 60°C)
Others	Volumetric Flow	CFM, CMM
	REC, HOLD	MIN, MAX, AVG, Data HOLD
	Operating Environment	-4 °F ~ 140 °F (-20 °C ~ 60 °C) at <75%RH
	Connectivity	Bluetooth LE
	Battery	4.5V (AA size x 3)
	Battery Life	Hotwire probe: about 30h. Vane probe: about 68h
	Auto power off	15 min (if APO is active)

