

[Series 9800 Thermo-Anemometers

These pocket-sized meters require minimal training. Technicians will find them ideal instruments for face velocity measurements in fume hoods, spray booths, ventilation systems, or for IAQ checks. The model 9880 has a 3.1-inch (79-mm) retractable, 180-degree rotating probe and is UL-listed for intrinsic safety. The model 9870 incorporates a 37-inch (940-mm) attached telescoping probe.



model

U.S.
metric

9870D
9870E

CompuFlow 9870

9880D
9880E

CompuFlow 9880

9850D
9850E

CompuFlow 9850

specifications

		9870	9880	9850
range	VELOCITY	0–4000 fpm (0–20 m/s)	0–2000 fpm (0–10 m/s)	0–300 fpm and 0–2000 fpm (0–1.5 m/s and 0–10 m/s)
	TEMPERATURE	0–200°F (-17.8–93.3°C)	NA	NA
resolution	VELOCITY	1 fpm (0.01 m/s)	1 fpm (0.01 m/s)	10 fpm (0.1 m/s) low range, 100 fpm (0.5 m/s) high range
	TEMPERATURE	1°F (1°C)	NA	NA
accuracy	VELOCITY	±5% of reading or ±5 fpm (0.025 m/s), whichever is greater	±5% of reading or ±5 fpm (0.025 m/s), whichever is greater	±(3% of reading + 1% of scale)
	TEMPERATURE	±1°F (1°C)	NA	NA
display		4.5-digit, 0.4-in. (10-mm) high LCD	4.5-digit, 0.4-in. (10-mm) high LCD	analog, 90 degree arc
batteries		four AA-size alkaline; minimum 10 hr at 100 fpm (0.5 m/s)	four AA-size alkaline; minimum 10 hr at 100 fpm (0.5 m/s)	one 9-volt alkaline; minimum 15 hr continuous use