

FloCal-30

Advanced Flow Calibrator

100% Employee Owned

Versatile Bluetooth-Enabled Multi-Flow Calibrator

The Tisch Environmental FloCal-30 is a NIST traceable advanced flow calibrator designed to calibrate ambient air sampling and monitoring instruments. Integrated Bluetooth connectivity enables seamless pairing with the FloCal-30 mobile app, allowing users to remotely view measurement data and monitor performance directly from a compatible device.

It features a crisp, sunlight-readable display indicating the volumetric and standard flow, relative humidity, temperature, and barometric pressure.

With a broad calibration range of 0.5–30 SLPM, the FloCal-30 can be used across a diverse array of instruments, delivering precise, real-time measurements in demanding environments for all standard FRM and FEM air samplers.



Included Accessories

- NIST Calibration Certificate
- Ambient Temperature Probe
- Durable Carrying Case
- Adapter Kits
- Bluetooth Antenna
- USB-C Cable
- 3' long ¼" ID Tubing

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Parameters

Flow Range:	0.5-30 SLPM	Temperature Units:	°C or °F
Flow Range Units:	LPM and SLPM	Temperature Accuracy:	± 0.1°C
Flow Accuracy:	±1.5% < 2 SLPM < ±1% of reading	Display Resolution (Temp):	0.1°C, 0.1°F
Display Resolution (Flow):	0.01 LPM	Relative Humidity Range:	0 to 100% non-condensing
Barometric Pressure Range:	400-900 mmHg	Relative Humidity Accuracy:	±1.5%
Barometric Pressure Accuracy:	± 3 mmHg	Operating Temperature Range:	-30°C to 60°C
Display Resolution (Pressure):	0.1 mmHg	Operating Humidity:	0 to 100% non-condensing
Pressure Units:	mmHg, mbar, kPa, inHg, or Pa		

Electrical

Power:	Internal lithium-ion 7.4 Wh battery	Battery Life:	18 hours (under continuous ON condition)
Charging:	USB-C	Recharging Time:	4.5 hours (with 2A USB-C charger and device off)
Display:	2.3 inch TFT LCD 320 x 240 resolution		

Connectivity

Communication:	Bluetooth (BLE)	FloCal-30 App:	Real-time monitoring of flow and system parameters
User Interface:	Mobile app (iOS/Android)		

Physical

	Weight	Width	Height	Depth
FloCal-30 (without adapters):	15.2 oz (431 g)	2.7 inches (6.9 cm)	4.7 inches (11.9 cm)	1.3 inches (3.3 cm)
Carrying Case with Accessories and Calibrator:	5 pounds (2.25 kg)	14.3 inches (36.3 cm)	11.1 inches (28.2 cm)	4.7 inches (11.9 cm)