

Biotest Ergotouch Airborne Particle Counters

Read counts of multiple particle sizes simultaneously

– Model 18450-25 features a color touch-screen display for quick and easy setup

These handheld particle counters use a laser diode light source to detect particles between 0.3 and 10 µm. Ergonomic design allows one-handed portability. Both models feature automatic flow control, USB interface for data download, rechargeable batteries, high-impact housing, internal HEPA filter, and audible alarms.

ErgoTouch features three channels for multiple particle size counting (one channel is user selectable), data logger for up to 1500 records, intuitive interface, and a large backlit LCD. Select manual or automatic for the sampling modes.

ErgoTouch Pro features six channels (all user selectable), data logger for 10,000 records, color touch screen with Windows® CE operating system, and password protection. Sampling modes include manual, automatic, beep, concentration, cumulative/differential. Set a threshold alarm for each channel to alert you when a level of particles is exceeded. Store up to 100 groups of settings for processes that are used repeatedly. Generate reports based on ISO 14644-1, EU GMP, and FS 209-E protocols.

Compliance: NIST-traceable calibration report supplied by the manufacturer, ASTM F-50; also meets JIS standard for counting accuracy.

What's included: isokinetic inlet, rechargeable battery pack with charger, software, computer cable, and NIST-traceable calibration report supplied by the manufacturer. Model 18450-25 also includes a stylus for touch-screen interface.



Specifications

Flow rate: 0.1 cfm	Operating conditions: 41 to 95°F (5 to 35°C), 20 to 95% RH (noncondensing)
Minimum sensitivity: 0.3 µm	Power: rechargeable lithium ion battery with 110 to 240 VAC charger
Illumination source: laser diode	



18450-25 only

Description	Particle size	Memory	Display	Output	Catalog number	Price
ErgoTouch	3 channels: 0.3, 5.0 µm, and user selectable from 0.5, 1.0, 2.0 or 2.5 µm	1500 data records	Monochrome LCD	USB	GH-18450-20	
ErgoTouch Pro	6 channels: user selectable in 0.1 µm increments from 0.3 to 10.0 µm; calibrated at 0.3, 0.5, 1.0, 3.0, 5.0, and 10.0 µm	10,000 data records	Color touch screen	USB and RS-232	GH-18450-25	

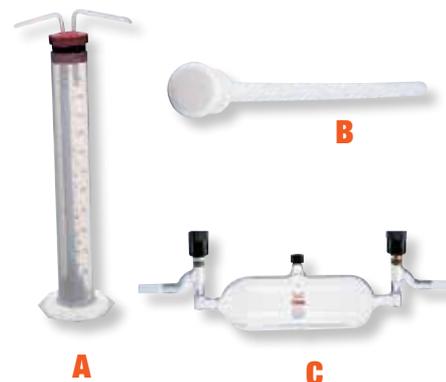
Gas Sampling Accessories

Collect samples with ease

A. Scienceware® Gas Washing Bottle consists of a 250-mL polypropylene graduated cylinder with extended base, a 38-mm vinyl stopper with 1/4" OD tubes, and a removable gas dispersion fitting with 70-µm porosity polyethylene disc. Maximum pressure is 0.5 psi.

B. Gas Dispersion Tube linear polyethylene bell-mouthed fitting has a sealed 70-µm porosity disc.

C. Glass Gas Sampling Bulbs are designed for the collection and storage of environmental samples. Top cap with a PTFE/silicone septum lets you withdraw analytical samples. Both ends have a 4-mm valve plug and are ground to accept 3/8" ferrules and hand compressible fittings for a gas-tight seal. GPI thread size: 13-425.



Key	Description	Volume	Dimensions	Cat. no.	Qty	Price
A	Gas washing bottle	250 mL	Accepts tubes up to 1/4" OD	GH-06652-00	1 ea	
B	Gas dispersion tube	—	12" (30.5 cm) L x 1" (2.5 cm) OD at bell, 3/8" OD tube	GH-06614-25	4/bg	
C	Glass gas sampling bulb	125 mL	11 1/2" L x 3 1/2" W (29.2 x 8.9 cm)	GH-10370-00	1 ea	
		250 mL	11 3/4" L x 3 3/4" W (29.8 x 9.5 cm)	GH-10370-01		

Wait!

There's More at
ColeParmer.com

Browse 100,000+ products plus find
Technical Resources to help you choose