

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 | |

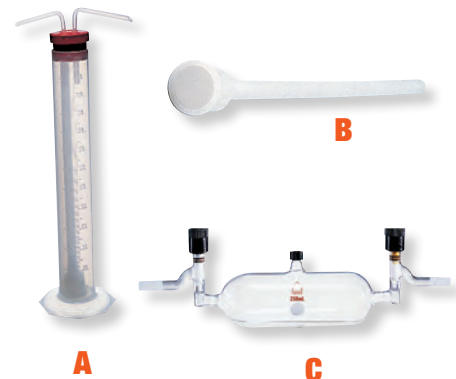
Gas Sampling Accessories

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 | | |

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