

A new dimension in handheld particle counting APC ErgoTouch Pro 2

Airborne Particle Counter



APC ErgoTouch Pro 2

Setting new standards ...

Particle counting is a critical component of cleanroom monitoring programs. Detecting contaminants in the air, particle counter data is relied on to determine the cleanliness of air in controlled environments such as those found in the pharmaceutical, biotechnology, medical device and sensitive food industries, complies to ISO 14644, GMP, FS209E.

The APC ErgoTouch Pro 2 offers features which are available usually only on portable particle counters. The handheld counter has a large color display to show the counting results over six channels – functions are easy to operate by logical icons.

Validation of a new cleanroom is easy to handle by using the APC ErgoTouch Pro 2 through standard ISO 14644 and GMP reports as long as the clean-room class is ISO 7, 8 or GMP Gr. C, D. The report can be printed through an external portable thermal printer like the bigger portable counters. This way the APC ErgoTouch Pro 2 offers a very economic solution for cleanroom validation.





Applications for APC ErgoTouch Pro 2

- Cleanroom monitoring
- Cleanroom certification
- Research
- Exposure assessment
- Indoor air quality
- Filter testing
- Clearance testing
- Quality assurance
- Contamination migration studies



Fast and convenient operation

User friendly graphics using a touchscreen

Intuitive icons

For easy operation

Low investment

For validation of ISO 7, 8 and GMP Gr. C, D

Compressed gas adaptor

Available for high pressure

Technical specifications

APC ErgoTouch Pro 2

| | |
|----------------------|---|
| Channel Sizes | Standard: 0.3 to 10 µm, user-selectable |
| Flow Rate | 0.1 CFM (2.83 L/min) with ±5% accuracy (meets JIS and ISO 21501-4 requirements) |
| Counting Efficiency | 50% at 0.3 µm; 100% for particles > 0.45 µm (per JIS and ISO 21501-4) |
| Concentration Limits | 2,000,000 particles/ft ³ at 5% coincidence loss |
| Light Source | Long life laser diode |
| Zero Count Level | <1 count/5 minutes (per JIS B9921 and ISO 21501-4) |
| Calibration | NIST traceable with Merck calibration system |
| Battery | Removable/rechargeable Li-Ion |
| Housing material | High impact injection molded plastic |
| Sampling Modes | Manual, automatic, beep, cumulative/differential count or concentration |
| Warranty | 2 years |
| Languages | EN, ES, DE, FR, IT, JP, CH (simplified) |
| Dimensions | 23.9 cm x 12.4 cm x 8.1 cm (L x W x H) |
| Weight | 1.0 kg with battery |
| Display | QVGA 3.5 inch (8.9 cm) touchscreen, Windows® CE OS |
| Reports | Provides Pass/Fail on FS-209E, ISO 14644-1 and EU GMP |
| Software | Compatible to Windows® 7 |



Accessories – a wide range

Easy to fit and take off, auto connection when fitted.



TouchScreen – intuitive icons

Simple pictorial operation. Simple setup. Fast and easy to learn and operate.

Low investment

Many features from a full portable instrument in a hand held. 6 channels. Fully compliant reports.

APC ErgoTouch Pro 2

Including power supply, power cord, battery, isokinetic inlet, stylus, purge filter, ErgoTrak Lite Data Download Utility Software (CD), operational manual (CD), computer cable, calibration certificate, and Quick Start Guide (CD).



Ordering information

| APC ErgoTouch Pro 2 | Ord. No. |
|--|--------------|
| APC ErgoTouch Pro 2 – Airborne Particle Counter | 1.44302.0001 |
| Handheld particle counter with a flow rate of 2.83 L/min and six channels, calibrated to 0.3 / 0.5 / 1.0 / 3.0 / 5.0 / 10.0 μm , user-configurable in 0.1 μm increments (0.3 to 10.0 μm) | |
| APC ErgoTouch Pro 2 Accessories | Ord. No. |
| Power Supply with universal plugs | 1.44306.0001 |
| Battery pack | 1.44132.0001 |
| Computer cable (2 m), USB A to B | 1.44100.0001 |
| HEPA zero filter assembly | 1.44157.0001 |
| External battery charger with AC adapter and power cord | 1.44134.0001 |
| External Printer | 1.44305.0001 |
| Carry case | 1.44303.0001 |
| Temperature / humidity probe | 1.44304.0001 |
| Stainless steel isokinetic inlet | 1.44159.0001 |
| Isokinetic probe (used with tubing) | 1.44160.0001 |
| 0.1 CFM Barb Inlet Fitting | 1.44143.0001 |
| Tubing, Superthane 1/8-inch ID x 1/4-inch OD, clear 100 ft | 1.44142.0001 |
| APC Compressed Gas Adapter | 1.44179.0001 |
| APC Compressed Gas Adapter Nozzle Set | 1.44180.0001 |

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For more information:

www.merckmillipore.com/biomonitoring

