

Optional Accessories

ErgoTouch	Both	ErgoTouch Pro
 Replacement Battery Pack Item # 942 511	 Isokinetic Inlet SS Item # 942 602	 Replacement Battery Pack Item # 942 561
 Replacement Power Supply Item # 942 512	 Purge Filter Assembly Item # 942 601	 Replacement Power Supply Item # 942 562
 Replacement USB Cable Item # 191 550	 Isokinetic Probe SS Item # 942 603 Tubing, 30 m (100 ft) Item # 191 822 Barbed Inlet, 0.1 ft³ Item # 191 824 <i>(for remote sampling)</i>	 External Battery Charger Item # 942 563
 Custom Carrying Case Item # 942 520	 Compressed Gas Adapter (CGA) Item # 942 675 CGA Nozzle Set ErgoTouch Item # 942 680 (not shown)	 Replacement USB Cable Item # 191 551
		 Temperature / RH Probe Item # 942 565
		 Custom Carrying Case Item # 942 570
		 Portable Printer Item # 942 610

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Biotest HYCON

Next Generation
Handheld Airborne Particle Counters

APC
ErgoTouch
Airborne Particle Counter

- *Lightweight*
- *Simple*
- *Cost-effective*



APC
ErgoTouch Pro
Airborne Particle Counter

- *Powerful performance*
- *State-of-the-art*
- *Easy-to-use*

A new dimension in particle counting

A new dimension in particle counting

APC ErgoTouch

The APC ErgoTouch is the smallest and lightest handheld airborne particle counter available. It is simple to operate and has many features only available on higher-priced particle counters.



Item Number: 942 500

Technical Specifications

Channels	3 channels simultaneous data; 0.3 µm and 5.0 µm fixed, center channel user-configurable to 0.5, 1.0, 2.0 or 2.5 µm	6 channels simultaneous data; calibrated at 0.3, 0.5, 1.0, 3.0, 5.0 and 10.0 µm; user-configurable in 0.1 µm increments from 0.3 to 10.0 µm
Size Range	0.3 to 10.0 µm	
Flow Rate	0.1 ft ³ / min (2.83 L / min)	
Counting Efficiency	Meets JIS B 9921: 1997 and ISO 21501-4: 2007	
Concentration Limit	2,000,000 particles / ft ³ at < 5 % coincidence loss	
Light Source	Laser diode	
Zero Count	≤ 1 count in 5 minutes; meets JIS B 9921: 1997 and ISO 21501-4: 2007	
Calibration	NIST or other federal government standards traceable	
Communication	Standard USB	
Battery	Removable Li / ion rechargeable battery; up to 3 hours continuous use, with 3 hours recharge time	
Housing	High impact injection molded plastic	
Design	Ergonomic and lightweight	
Power	110 to 240 VAC; 50 to 60 Hz universal in-line power supply; supplied with changeable plugs	110 to 240 VAC; universal in-line power supply; supplied with country specific line cord
Sample Time	1 second to 99 minutes 59 seconds	
Sample Frequency	1 to 999 cycles or continuous	
Exhaust	Internal HEPA filter (0.2 µm)	
Vacuum Source	Internal pump	
Warranty	12 months	24 months
Operating Conditions	5 to 35 °C, 20 to 95 % RH non-condensing	
Storage Conditions	0 to 50 °C, up to 98 % RH non-condensing	
Languages	English; future support for additional languages	
Dimensions	23.0 x 11.0 x 6.2 cm (9.1 x 4.3 x 2.4 in)	25.4 x 11.4 x 7.6 cm (10.0 x 4.5 x 3.0 in)
Weight	0.58 kg (1.3 lb) with battery	1.0 kg (2.2 lb) with battery
Data Records	1,500 sample records	10,000 sample records
Sample Modes	Manual, automatic	Manual, automatic, beep, concentration, cumulative / differential
Display	160 x 160 monochrome LCD	QVGA 9.4 mm (3.7 in) color touch screen
Interface	Intuitive keypad menu	Windows CE
Alarms / Indicators	Low battery, sensor failure	Internal audible alarm, counts, low battery, sensor failure
Reports	None	ISO 14644-1, EU-cGMP, FS 209-E
Password	No	Yes
Included Accessories	Power supply, battery, isokinetic inlet, purge filter, ErgoTrak Lite data download utility, operation manual (CD), Quick Start Guide	Power supply / line cord, battery, isokinetic inlet, stylus, purge filter, ErgoTrak Lite data download utility, operation manual (CD), Quick Start Guide
Optional Accessories	Spare battery, isokinetic inlet, isokinetic probe (remote), sample tubing (remote), barbed inlet (remote), custom carrying case	Temperature / RH sensor, spare battery, external printer, printer paper, external battery charger, isokinetic inlet, isokinetic probe (remote), sample tubing (remote), barbed inlet (remote), custom carrying case

APC ErgoTouch Pro

The APC ErgoTouch Pro has all the functionality of a portable airborne particle counter in a handheld. Its state-of-the-art design and performance are engineered into an easy-to-use package with a large color touch screen.



Item Number: 942 550