

Biotest HYCON



High Speed Portable Airborne Particle Counters

- 100 L/min delivers 1 cubic meter (m^3) in 10 minutes.
 - 75 L/min (13 min) and 50 L/min (20 min) available
- Removable/rechargeable battery
- Long-life laser
- Touch screen programming
- 0,3 μm sensitivity
- Supports 21 CFR part 11
- Download utility software



Coming Fall 2006

**A new dimension in
particle counting**

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Technical Details

Input Flow Rates	100L/min, 75 L/min or 50 L/min	Pump	Rated for continuous use
Channel Sizes	2 to 6 channel customizable from 0,3 µm to 100 µm	Battery Packs	Lithium-ion battery (optional)
Coincidence Loss	<5% at 14x10 ⁶ particles/m ³ (<5% at 400.000 particles/ft ³)	Battery Operating Time	<ul style="list-style-type: none">• 3,0 hrs for 100 L/min - 12 samples (10 min sample, 5 min hold)• 4,2 hrs for 75 L/min - 14 samples (13:20 min sample, 5 min hold)• 6,5 hrs for 50 L/min - 16 samples (20 min sample, 5 min hold)
Zero Count	1 count or less in 5 minutes (JIS)	Dimensions	30 x 30 x 20 cm (12 x 12 x 8 in)
Display Max	14.999.999 counts (total particles, particles/m ³ , particles/L or particles/ft ³)	External Surface	Coated aluminum Stainless steel available
Data Storage	1.000 samples	Weight	8,2 kg (18 lbs) - aluminum 10,2 kg (22,5 lbs) - stainless steel 1,5 kg (3,5 lbs) - optional battery
Location Names	1.000 samples location names (22 alpha numeric characters)	Printer	Built-in thermal printer
Display	Backlit LCD with touch screen	Reports	Raw data, ISO 14644-1, FS209E
Optional Environmental Sensors	Relative humidity (±5%), temperature (±2°C), differential pressure (±3%) & air velocity (±5%)	Operating Environment	Temperature: 10° - 40°C (50° - 105°F) Relative humidity: 0 - 90% (noncondensing)
Comm Ports	RS 232, USB (RS 485: optional)		
Calibration	Calibrated to NIST traceable standards		
Power Req	100-240 V A/C, 50-60 Hz		

Accessories

942 440	Temperature and relative humidity sampling probe
942 445	Air velocity sampling probe
942 450	Built-in differential pressure sensor
942 425	Purge filter assembly for the APC Portable
942 455	Carrying Case for the APC Portable
942 016	APC FMS Facility Monitoring System Software
942 620	APC Compressed Gas Adapter

Biotest APC **M3** Portable Airborne Particle Counters are part of the APC family of particle counters. APC includes 2-channel and 4-channel 0,1 cfm handheld particle counters as well as 1,0 cfm (28,3 L/min) portable particle counters.



Biotest's HYCON (**HY**giene **CON**trol) System is a complete line of agar media and environmental monitoring products for air sampling, particle counting and surface testing. Each component of the HYCON system is of the utmost quality and can be used in a wide range of contamination control applications.

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