

Biotest HYCON



Airborne Particle Counter

Handheld **Plus** H5410
Airborne Particle Counters

The four-channel airborne particle counter.

Features include:

- Four channels simultaneously:
0.3, 0.5, 1.0 and 5.0 μm
- User-defined count and hold times
- Three sampling modes:
Single, automatic or continuous
- Displays total count, particles per liter
or particles per ft^3
- Temperature and relative humidity are
continuously measured
- Windows[®] compatible download APCWIN Utility
software included
- Meets JIS for counting efficiency



Count on Biotest

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Airborne Particle Counter

Handheld **Plus** Model H 5410 Airborne Particle Counters

Technical Details

Flow Rate	2.83 L/min (0.1 ft ³ /min) ±10%	Battery	Six volt sealed lead-acid battery. Recharge time: five hours. Up to eight hours of sampling, depending on duty cycle.
Channels	4 channels 0.3, 0.5, 1.0 and 5.0 µm	Power	100-240 V A/C, 50-60 Hz, 125 W
Illumination Source	Semiconductor Laser Diode for reliability	Dimensions	19.6 x 9.7 x 6.6 cm
Coincidence Loss	<1.5% at 100.000 particles/ft ³	Enclosure	Coated aluminum Stainless steel available
Display Max	Custom, six digits LCD Display (total count, particles/L or particles/ft ³)	Weight	1.1 kg (2.5 pounds) - aluminum
Data Storage	200 samples automatically Stored in memory for later recall and download to a PC. All samples indicate the time and date when collected.	Software	Windows® compatible APCWIN Utilities Software is provided to Easily download data to a PC.
Operating Environment	Temperature: 10°C to 50°C ± 2°C Relative humidity: 0 % to 90% ± 10%	Sample modes	Single, Automatic & Continuous
Com Ports	Serial RS 232C, with 9600 baud rate	Sample Time	Programmable from one second up to eight hours
		Hold Time	Two seconds up to 24 hours

Accessories

942 020	Thermal Printer
942 034	Purge Filter Assembly
942 040	Remote sampling probe
942 045	Tubing for remote sampling
942 050	Bench top Stand
942 110	Printer Paper (5 rolls/package)
942 016	APC FMS Facility Monitoring System Software
942 620	APC Compressed Gas Adapter
942106000	Qualification Handbook

Biotest APC Portable Airborne Particle Counters are part of the APC family of particle counters. APC includes portable 2-channel, 4-channel and 6 channel 1.0 CFM particle counters as well as **100 L/min APC M3 high speed 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.