Handheld Particle Counter
Model P611

The Airy Technology P611 handheld particle counter measures 0.3 µm to 10.0 µm with a flow rate of 0.1 CFM (2.83 LPM).

Only 1.26 lb (0.57 kg), user-friendly and easy to configure, this handheld particle counter displays 6 size channels as well as (optional) temperature and relative humidity on its 3.5" color LCD display.

The Airy Technology P611 stores 10,000 sample records that can be viewed on the unit or on a computer via USB cable. The P611 complies with ISO 21501-4 and includes a two-year warranty. With excellent quality and reliable performance, the Airy Technology P611 is the best solution for professionals who validate ISO cleanrooms (Class 5 - 9) and investigate indoor air quality matters.
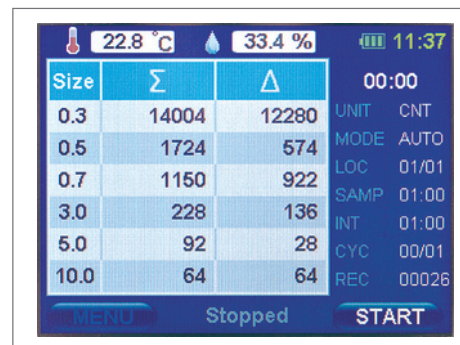
Features & Benefits
- Measures 0.3 µm to 10.0 µm
- 0.1 CFM (2.83 LPM) flow rate
- Measures 6 channels of simultaneous data
- Weights only 1.26 lb (0.57 kg)
- Removable and rechargeable AA batteries
- Long life laser diode
- Large color LCD display
- Stores up to 10,000 sample records and 999 sample locations
- View data recorded on-screen or via computer
- (Optional) Temperature & humidity probe
- Concentration limit of 4,000,000 per ft³
- Complies with ISO 21501-4 and JIS B9921 standards
- Reports ISO 14644-1 and EU GMP
- Lightweight high-impact injection molded plastic enclosure
- Includes battery charger and data download software
- USB output
- Easy to clean and wipe down
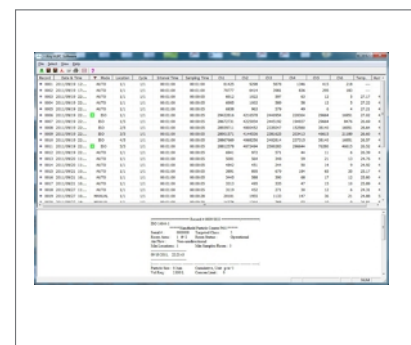- Internal audible alarm
- 2 year limited warranty

Only 1.26 lbs

Large Color Display

Data Download Software

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Specifications

Size Range	0.3 -10.0 µm
Channel Sizes	Standard: 0.3, 0.5, 0.7, 1.0, 2.0, 5.0 µm Standard: 0.3, 0.5, 1.0, 3.0, 5.0, 10.0 µm Standard: 0.3, 0.5, 0.7, 1.0, 2.5, 5.0 µm Standard: 0.3, 0.5, 1.0, 2.5, 5.0, 10.0 µm Optional: additional size channels available
Counting Efficiency	50% at 0.3 µm; 100% for particles > 0.45 µm (per JIS)
Concentration Limits	4,000,000 particles / ft^3 at 5% coincidence loss
Light Source	Long life laser diode
Zero Count Level	<1 count / 5 minutes (per JIS B9921)
Flow Rate	0.1 CFM (2.83 LPM)
Flow Rate Control	Automatic flow control
Calibration	NIST traceable
Sample Probe/Tubing	Isokinetic sampling probe and probe for tubing
Sampling Modes	Manual, automatic, ISO[1], GMP[2], cumulative/differential, count/concentration
Reports	ISO 14644-1 and EU GMP
Sampling Time	1 second to 99 minutes 59 seconds (configurable)
Sampling Frequency	1 to 9999 cycles or continuous (configurable)
Sample Output	Internal HEPA filter
Vacuum Source	Internal pump
Communication Interface	USB
Data Storage	10,000 sample records
Security	2-level password protection
Alarm	Counts, low battery, flow and laser status
Display	3.5" (8.9 cm) 320 x 240 Color LCD
Power	DC 5V 1A (Mini USB TYPE-B)
Battery	Removable AA Ni-MH
Environmental Sensors	Optional temperature/humidity probe
Dimensions (L x W x H)	7" x 3.5" x 1.9" (17.8 cm x 9 cm x 4.7 cm) does not include probes
Weight	1.26 lb (.57 kg)
Standards	ISO 21501-4 and JIS B9921
Warranty	2 year limited warranty
Operating Conditions	5° to 35°C 20% to 95%RH non-condensing
Storage Conditions	-20° to 50°C Up to 98%RH non-condensing
Included Accessories	Operating manual on USB Key, AC adapter, isokinetic inlet, probe for tubing, USB cable, purge filter, data download software, 4 x AA batteries with charger, calibration certificate, & carrying case
Optional Accessories	Temperature and relative humidity probe

[1]ISO 5-9 at 0.3-5.0 µm excluding ISO 5 at 5.0 µm   •   [2]GMP A-C in operation, A-D at rest

CE