



Handheld particle counter Model P611

The Airy Technology P611 is used to measure particle size 0.3-10 μ m at flow rates of 0.1 CFM (2.83 LPM).

The handheld particle counter weighs just 1.26 lb (0.57 kg) and is designed to be user-friendly and easy to set up. It displays data from six size channels simultaneously on its 3.5-inch LCD color screen, and can also display temperature and relative humidity (optional).

The Airy Technology P611 can store up to 10,000 sampling records, which can be viewed locally or via a USB data cable on a computer. Certified under ISO 21501-4 standards, it comes with a 2-year warranty. Boasting premium quality and reliable performance, the Airy Technology P611 is the optimal solution for professionals verifying ISO cleanroom environments (Class 5-9) and investigating indoor air quality issues.

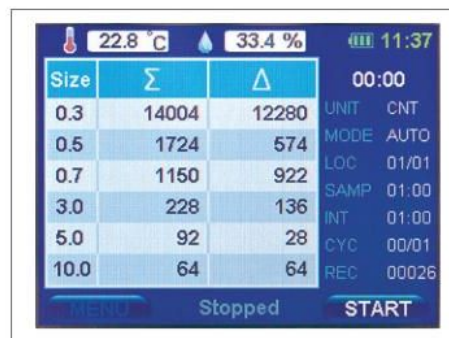
Features and advantages

- The measurement range is 0.3~ 10.0 μ m
- Particle flow rate 0.1 CFM (2.83 LPM)
- Measure 6 channel data simultaneously
- Only 1.26 lb (0.57 kg)
- Removable and rechargeable AA batteries
- Long life laser diode
- Large LCD color screen
- It can store up to 10,000 sampling records and 999 sampling sites
- View data on the screen or through a computer
- (optional) Temperature & humidity probe
- Concentration limit 4,000,000/ cubic foot
- Complies with ISO 21501-4 and JIS B9921 standards
- Report ISO 14644-1 and EU GMP
- Lightweight high intensity injection plastic shell
- Battery charger and data download software
- USB output
- Easy to clean and wipe
- Internal sound alarm
- 2-year warranty



Only 1.26 lbs

Big Color Screen



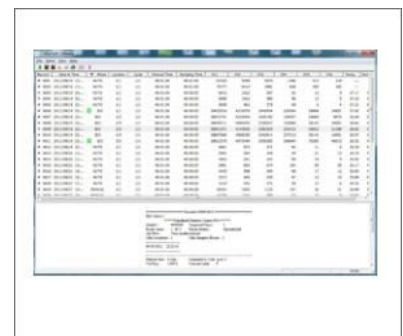
Size	Σ	Δ
0.3	14004	12280
0.5	1724	574
0.7	1150	922
3.0	228	136
5.0	92	28
10.0	64	64

22.8 °C 33.4 % 11:37

00:00 UNIT CNT
MODE AUTO
LOC 01/01
SAMP 01:00
INT 01:00
CYC 00/01
REC 00026

Stopped START

Software screen



Site	Time	Temp	Humid	0.3	0.5	0.7	3.0	5.0	10.0	Sum
1	11:37	22.8	33.4	14004	1724	1150	228	92	64	14004



Handheld particle counter

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Specifications parameters

Size range	0.3 -10.0 μm
channel size	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 other sizes
Counting efficiency concentration limit	50% (0.3) μm ; 100% (greater than 0.45 μm) (according to JIS) 4,000,000 particles/cubic foot, 5% loss of overlap
illuminant	Long life laser diode
Zero count level	<1(count / 5 minutes) (according to JIS B9921)
Size resolution	<15% (0.5 μm) (according to ISO 21501-4)
velocity of flow	0.1 CFM (2.83 LPM)
Flow control	Automatic traffic control
demarkate	NIST traceability
Sampling probe/tube	Wait for rapid sampling probe or sampling tube
sampling configuration	Manual, automatic, ISO ¹ GMP ² , cumulative/differential, count/concentration
report	ISO 14644-1 and EU GMP
dwel time	1 second to 99 minutes and 59 seconds (configurable)
frequency of sampling	1 to 1,9999 cycles or continuous (configurable)
Sampling output	Internal HEPA filter
Vacuum source	Built-in pumps
communication interface	USB
data storage	10,000 sampling records
safe	Level 2 password protection
report an emergency	Count, low power, flow and laser status
display screen	3.5 " (8.9 cm) 320 x 240 color LCD
source	DC 5V 1A (Mini USB TYPE-B)
cell	Removable AANi-MH
environmental sensor	Optional temperature/humidity probe
Size (L x W x H)	7 "x 3.5 " x 1.9 " (17.8 cm x 9 cm x 4.7 cm) Not including probe
weight	1.26 lb (.57 kg)
operative norm	ISO 21501-4 and JIS B9921
Quality Assurance	2 years
going	5° ~35°C, 20%~95%RH non-condensing
condition of storage	-20° ~ 50°C, relative humidity upper limit up to 98%RH non-condensing
Accompanying accessories	Operation manual CD, AC adapter, constant speed inlet, sampling tube probe, USB cable, Self-cleaning filter, data download software, 4 x AA batteries (with charger), calibration certificate and suitcase
Optional accessories	Temperature and relative humidity probe

1 0.3-5.0 μm ISO 5-9 does not contain ISO 5 at 5.0 μm • 2GMP A-C operation, A-D sleep

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