

Optical Particle Counter

(PC-3106)



Features and Benefits

- Complies with all requirements of ISO 21501-4
- Measure particle size and number concentration
- Count individual particles by collecting single particle light scatter
- Long Life Laser diode light source
- Up to 6 channels of simultaneous particle count data
- Touch screen control and user-friendly interface
- Size range from 0.3 μm to 10.0 μm
- 1.0 CFM (28.3 L/min) flow rate
- Printer for immediate output
- Data transfer via USB, USB flash drive, Ethernet
- Stainless Steel enclosure
- 2 year warranty

Applications

- Cleanroom Monitoring
- Facility Certification Testing
- Portable or Dedicated Use
- Trend Analysis
- Statistical Process Control
- Tool and Equipment Testing

PC-3106P Display screen



Config



Data : Data Table

Specifications

Model	PC-3106P
Particle channel size (6ch)	0.3, 0.5, 1.0, 3.0, 5.0, 10.0 μm
Counting efficiency	50 % at 0.3 μm Meets ISO 21501-4 & JIS 9121B
Size range	0.3 ~ 10.0 μm
Concentration limits	1,200,000/ft ³ @ 5% coincidence loss
Flow rate	1 CFM (28.3 L/min)
Sampling time	1 – 999 sec (User selectable)
Light source	Long Life Laser Diode
Zero count level	<1 count @ 5 min. (< 0.2 count/ft ³ , 7.06 counts/m ³) Meets ISO 21501-4 and JIS 9121B
Printer	Thermal Printer
Data storage	8GB (> 3,000,000 samples)
Communication	USB Flash drive, Ethernet
Battery	Li-ion battery (up to 3hrs with 2 batteries)
Vacuum requirements	Internal Pump (> 32 kPa)
Enclosure	304 stainless steel
Dimension (LWH)	25.3 x 22.7 x 23.0 cm (9.96 x 8.94 x 9.06 in)
Weight	7.38 kg (16.3 lb)
Power	Adapter(100 ~ 240 V, 50/60 Hz Output: 24 VDC, 4.0A)
Warranty	2 years (Except consumables I.E. filters & pump)

▪ **ACCESSORIES** Isokinetic probe/ Adaptor/ Sampling tube 1 m / Software Program / Purge filter

Distributed by

Manufactured by HCTM CO., LTD.

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