

CPC-0701

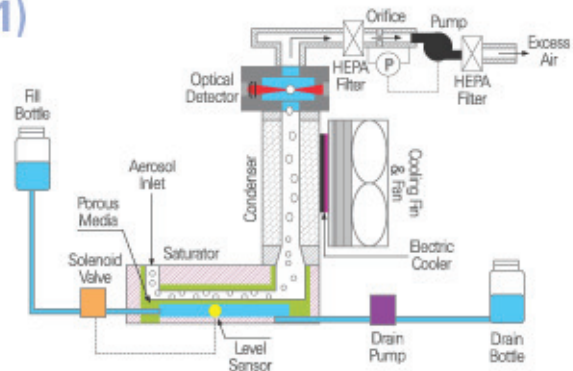
Specifications



MODEL	CPC-0701
Counting Efficiency	50 % @ 7 nm
Flow Rate (Inlet and Sensor)	1.0 l/min (0.03 cfm)
Working Fluid	n-butyl alcohol
Maximum Detectable Concentration	100,000 particles/cm ³
Accuracy	±10 % up to 10,000 particles/cm ³ , ±20 % up to 10 ⁴ ~ 10 ⁵ particles/cm ³
False Background Count	0.001 particles/cm ³
Response Time	< 5 seconds for 95 %
Communication	Ethernet communications using LAN or USB communications
Operating System	Windows XP embedded
Dimension (L×H×W)	340×330×260 mm
Weight	13.8 kg
Power	100~230 V (Alternating Current) / AC 50~65 Hz

Applications (PCPC-2301 & CPC-0701)

- Engine Exhaust Particle Monitoring
- Basic Aerosol Research
 - Particle Monitoring
 - Condensation / Nucleation
- Atmospheric Research
 - Indoor and Outdoor Air Quality Monitoring
- Climate Research



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