



Condensation Particle Counter

PCPC-2301

The HCT PCPC-2301 fully meets all proposed PMP requirements for Euro 5 regulations. This PCPC-2301 can provide guideline of diesel particle measurement and information of diesel particle formation.



Specifications

MODEL	PCPC-2301
Counting Efficiency	D50 = 23 nm ± 1 nm (50 % ± 12 %) D90 = 41 nm ± 1 nm (Over the 90 %)
Flow Rate (Inlet and Sensor)	1.0 l/min (0.03 cfm)
Working Fluid	n-butyl alcohol
Maximum Detectable Concentration	10,000 particles/cm ³
Accuracy	±10 % up to 10,000 particles/cm ³
False Background Count	0.001 particles/cm ³
Response Time	< 5 seconds for T90
Communication	Ethernet communication using LAN or USB connections
Operating System	Windows XP embedded
Data Logging	FDM (2GB)
Dimension (L x H x W)	340 × 330 × 260 mm
Weight	12 kg
Power	100~230 V (Alternating Current), AC 50~65 Hz