

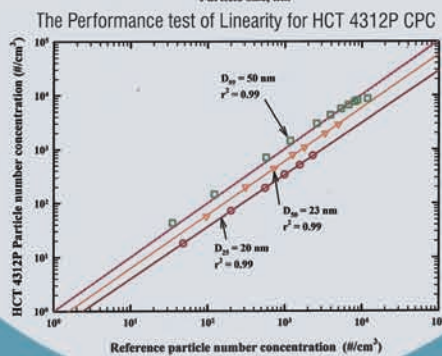
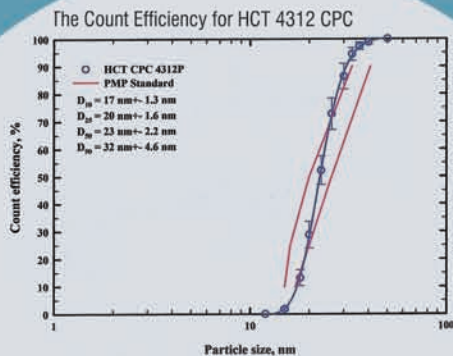
CPC 4312P for PMP

(Condensation Particle Counter)

The HCT CPC Model 4312P fully meets all proposed PMP (Particle Measurement Program) requirements for Euro V regulations. This CPC can provide guideline of diesel particle measurement and information of diesel particle formation.

Specifications

- Counting Efficiency
 - D10 = 16 ± 1 nm
 - D25 = 18 ± 2 nm
 - D50 = 23 ± 3 nm
 - D90 = 37 ± 4 nm
- Flow Rate (Inlet and Sensor) : 1.0 L/min
- Working Fluid : n-butyl alcohol
- Maximum Detectable Concentration : 10,000 particles/cm³
- Accuracy : ± 10 % up to 10,000 particles/cm³
- False Background Counts : 0.001 particles/cm³
- Response Time : < 5 seconds for 95 %
- Communications : Ethernet communication using LAN or USB connections
- Operating System : Windows XP embedded
- Data Logging : CF Memory Card (4GB)
- Dimensions (L x H x W) : 312 x 310 x 300 mm
- Weight : 12 kg
- Power : 100~230 VAC, 50~65 Hz



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