

PC 312 / PC 214 particle counter for compressed gases



Features

- Easy connection to compressed air through 6 mm quick-connector
- Can be used as portable as well as stationary instrument
- Particle sizes: 0.2, 0.3, 0.5 and 1.0 µm
- Online display
- Integrated data recorder
- Measures according to ISO-8573-4

Options:

- RS-485 interface for CS-BUS or MODBUS
- Ethernet
- Input for CS flow / dew point sensors

Technical data PC 312 / PC 214

Channels	PC 312	PC 214
	2 channels: 0.3 µm and 0.5 µm	4 channels: 0.2, 0.3, 0.5 and 1.0 µm
Counting efficiency	50% (per JIS)	
System pressure	0.2 ... 0.8 MPa	
Casing size	300 x 230 x 130 mm	
Power supply	100 ... 240 VAC, 50-60 Hz / 10 VA	
Interface	Standard: USB Optional: RS-485 (Modbus, CSBus), Ethernet (Modbus, CSBus)	
Ambient conditions	10 ... 40°C 20 ... 95 % rH, non-condensing	
Calibration	NIST traceable	
Process connection	6 mm quick-connector	
Data logger	Up to 1,000,000 values	
Weight	2.4 kg	

Order No. Description

0601 0312	PC 312 laser particle counter with display, ready to use, wall mountable
0601 0214	PC 214 laser particle counter with display, ready to use, wall mountable
0554 0312	Zero count filter for counter checking
A1630	2 inputs for CS flow / dew point sensors
A1631	2 inputs for CS flow / dew point sensors + RS-485
A1632	2 inputs for CS flow / dew point sensors + Ethernet
A1633	2 analog inputs(0...20 mA, 0...10 V, Pt100, Pt1000)
A1634	2 analog inputs 0...20 mA + 2 pulse inputs
0554 7010	CSM-S data analyzes software for DS 350. Supports USB, RS-485, Ethernet. Can communicate with 1 DS 350 at a time
0599 2020	CSM-M data analyzes software for DS 350. Supports RS-485, Ethernet. Client/Server application. Can communicate with up to 5 DS 350 simultaneously
0554 0331	USB / RS-485 converter
0553 0104	Sensor cable 5 m, with M12 connector, open wires
0553 0105	Sensor cable 10 m, with M12 connector, open wires
0553 0106	Power cable with mains plug, 1.8 m
3200 0312	Laser Particle counter PC 312 calibration
3200 0214	Laser Particle counter PC 214 calibration