

CLEANROOM PARTICLE COUNTER C30

nanoDUST has extended its technologies into the cleanroom environment, and we are currently building up our portfolio. Our affordable C30 Cleanroom Particle Counter is employed for cleanroom certification and monitoring. With a traceable ISO-17025 calibration according to ISO-21501-4, it may be used for cleanroom certifications according to latest EU GMP ANNEX 1 and ISO-14644 standards. The 3m long filter testing probe together with the strong sample pump of 28.3 lpm flow provides enough power to even reach highest ceilings for filter testing. The intuitive UI provides the user maximum flexibility to perform all required particle tests inside the cleanroom environment.

SPECIFICATIONS:

Application:	Clean Room Certification
Measured Quantity:	Total Particle Number
Measurement Range:	0 – 990.000 #/ft3
Size Sensitivity:	0.3 μ m – 10 μ m
# of Size Channels:	8
Inlet Flow:	1 cfm / 28.3 lpm
Flow Accuracy:	5%
Operating Environment:	10-35 °C
Communication:	Ethernet, RS-485, Wifi
User Interface:	7" Touchscreen
Maintenance interval:	1 year
Weight:	~8.5 kg
Power:	220 VAC, 50-60 Hz
Power Consumption:	<150 W

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