



AQMesh particle counter specification

Source	Laser
Method	Light scattering optical particle counter
Range	0.3 μm – 30 μm
Sensitivity	<1 μm
Counter performance	Max count rate 3.3 kHz (3,333 counts / second) Zero count rate < 1 / minute
Number of channels	32
Flow rate	0.5 litres / min
Particle count range	0-1,000 particles / cm^3
PM2.5 range	0-2,000 μg / m^3
PM10 range	0-2,000 μg / m^3
MCERTS Certified: Indicative Ambient Particle Monitor	PM2.5 & PM10

Conversion from particle count to mass assumes a spherical particle shape and standard density.

The particle counter is designed and manufactured by AQMesh.

The manufacturer reserves the right to vary AQMesh specification without notice – current specification should be checked before purchase.

