

Aeroqual Dust+Gas Sentry

Rental and Application Notes

- The Dust Sentry is a nephelometer-based instrument that delivers affordable and accurate measurement of PM10, PM2.5, PM1, or TSP
- Measures and reports data in 1 minute intervals with user selectable averaging
- On board storage for over 20 years of data
- Rugged weatherproof enclosure with solar shielding for very hot climates
- Quick set up and relocation in under 10 minutes
- Optional plug and play environmental sensors for VOC, O3 & NO2
- With Aeroqual Cloud you can remotely access data



	Specifications
Measurement Technology	Nephelometer
Sizes	PM1, PM2.5, PM10 or TSP
Range	0 to 60,000 ug/m ³
Accuracy	<+/- (2ug/m ³ + 5% of reading)
Resolution	0.1ug/m ³
Lower Detection Limit	<1ug/m ³
Communications	Standard: WIFI, Ethernet(LAN)
Averaging Period	1 min, 5 min, 10 min, 20 min, 30 min, 1 hr, 2 hr, 4 hr, 8 hr, 12 hr, 24 hr
Power Requirements	100-260 VAC, 21W, Regulated 12VDC
Dimensions	19 H x 13W x 7.4D mm (Includes solar shield & mounting brackets)
Weight	28.6 LBS
Environmental Operating Range	14F to 122F
Enclosure	Lockable IP65 GRP Cabinet w/integrated aluminum solar shield