

INDUSTRIAL AMBIENT DUST MONITOR XO



CE

 **RoHS2**
2011/65/EU

Ambient Air Dust Monitor
for Industrial Enviroments



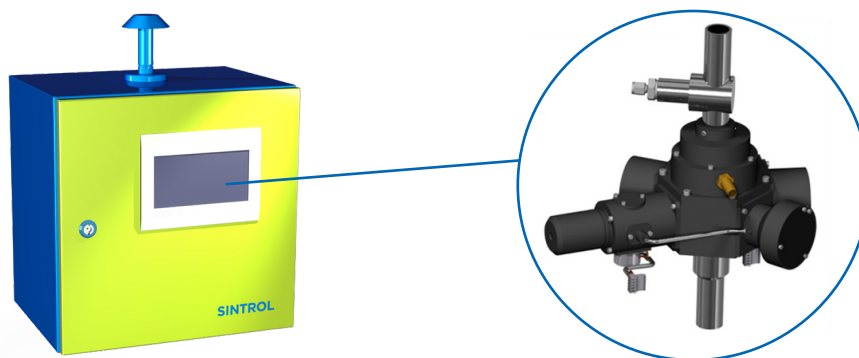
(주)엠씨마스터스
MC Masters
Measurement & Control



SINTROL
For Good Measure

White LED based, forward scattering instrument to measure total suspended dust concentration in harsh industrial conditions

- Rugged industrial design
- Continuous Dust levels up to 500 mg/m³
- Accurate linear measurement for all kind of dusts
- Measurement cell also used for stack monitoring
- Designed for indoor and outdoor usage
- Large color touch screen for easy parametrization
- Patent pending design
- White LED light source covers better different particle size distributions and is less affected by particulate characteristics



SINXO1/0419

Product Name	XO Optical Dust Monitor
Measurement objects	Total Suspended Dust
Particle Size	From 0,01 µm or larger
Detection limit	From 0.01 mg/m ³
Measurement range	0-500 mg/m ³ , user selectable ranges
Power supply	<ul style="list-style-type: none"> • 60 W, Input voltage VAC: 85 to 264 VAC • Output: 24 VDC
Power consumption	Approximately 15 W (Heater 350 W)
Purge air supply	~ 30 l/min dry instrumentation air
Output Signals	<ul style="list-style-type: none"> • Eight Digital outputs 500 mA, for channel • Two 4-20 mA output • Ethernet TCP/IP • USB for datalogging
Signal Averaging Time	1 sec , 30 sec or user selectable (max 3600 sec)
Ambient Conditions	
Operating temperature	-10...+50 °C
Humidity without heater	Max 95 % RH (non-condensing)
Optional: Heater for Condensing conditions or droplets	
Enclosure	
Material	Stainless steel (AISI 316L)
IP rating	IP54
Size	W: 400 mm, H: 400 mm, D:300 mm
Weight	15 kg