

INDUSTRIAL AMBIENT DUST MONITOR

MONITOR XO - SINTROL

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The SINTROL Monitor XO measures total suspended dust concentration in harsh industrial conditions.

This white LED based instrument covers better different particle size distributions and is less affected by particulate characteristics.

The Monitor XO is designed for indoor, outdoor usage and for stack monitoring.

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BENEFITS

- ⊕ Accurate measurement for all kind of dusts
- ⊕ Continuous measurement of dust levels up to 500 mg/m³
- ⊕ White LED based instrument
- ⊕ Easy parametrization through a large colour touch screen



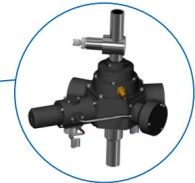
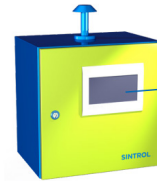
APPLICATIONS

- ⊕ Food industry
- ⊕ Work sites and mines
- ⊕ Metal and chemical industry
- ⊕ Wood industry

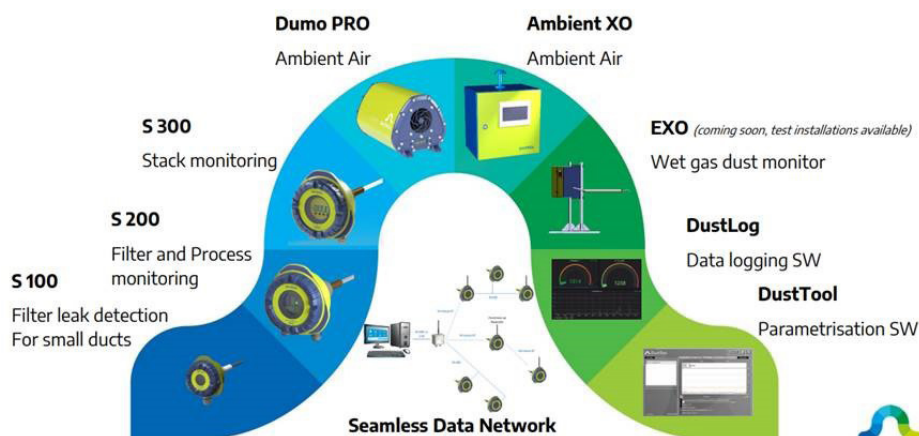
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TECHNICAL SPECIFICATIONS



MEASUREMENT OBJECTS	Total Suspended Dust
PARTICLE SIZE	From 0,01 µm or larger
DETECTION LIMIT	From 0,01 mg/m³
MEASUREMENT RANGE	0-500 mg/m³, user selectable ranges
PROTECTION	IP54
POWER SUPPLY	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	Eight Digital outputs 500 mA, for channel Two 4-20 mA output Ethernet TCP/IP USB for datalogging
DIMENSIONS	Width: 400 mm, Height: 400 mm, Depth: 300mm
WEIGHT	15 kg
AMBIENT CONDITIONS	Operating temperature: -10°C to +50 °C Humidity without heater: Max 95 % RH (non-condensing) Optional: Heater for Condensing conditions or droplets



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