

CONTINUOUS AMBIENT AIR DUST MONITOR

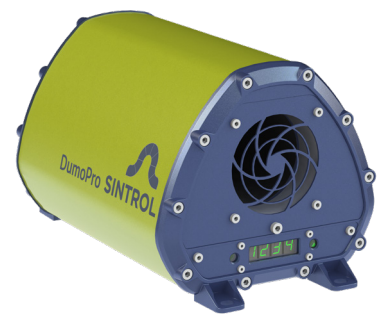
DUMOPRO - SINTROL

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DumoPro continuously measures dust concentration in industrial environments.

This robust instrument monitors dust levels and oversees hazardous locations to protect equipment and workers. It also has an internal self-check system to assure validity of measurement.

It early detects dust leaks, prevent from the risk of dust explosions and controls unwanted dust accumulations.

**+**

BENEFITS

- ⊕ Real-time monitoring to detect dust events
- ⊕ Low maintenance and easy commissioning
- ⊕ Fast response to changes in process conditions
- ⊕ Using proven Sintrol inductive technology



APPLICATIONS

- ⊕ Food industry
- ⊕ Agriculture and grain handling
- ⊕ Chemical industry and power plants
- ⊕ Wood industry
- ⊕ Work sites and mines

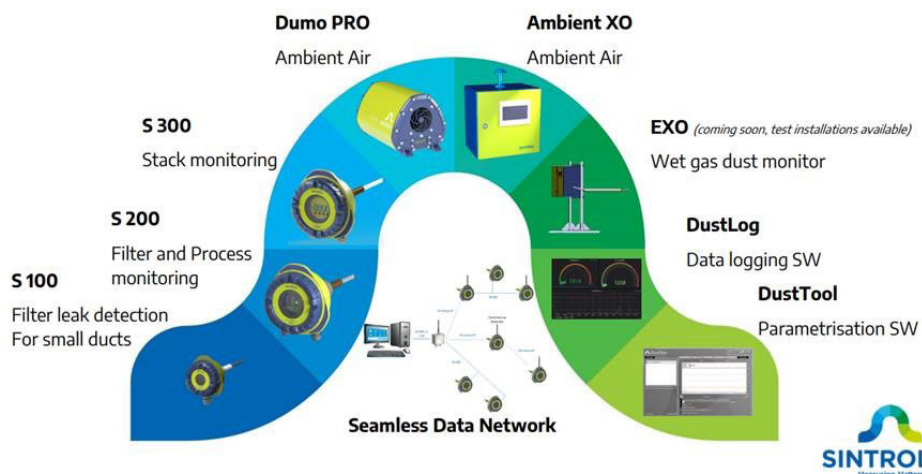
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TECHNICAL SPECIFICATIONS

TECHNOLOGY	Inductive Electrification
MEASUREMENT RANGE	Detection Limit 0,01 mg/m ³ Maximum Range up to several g/m ³
PROTECTION	IP66
POWER SUPPLY AND CONSUMPTION	24 V DC + - 20% Up to 10 W
DIMENSIONS	288 (L) x 191 (W) x 174 (H) (mm)
WEIGHT	4,2 kg (9,3 lbs)
COMMUNICATION INTERFACE	Serial communication RS485, USB, Wireless Radio Frequency (RF) (Option)
COMMUNICATION PROTOCOL	Modbus RTU (RS-485) Sintrol network (USB, RF and RS-485)
ALARM SETTINGS	Set by auto setup based on average measured dust level: 5 times and 20 times of reference dust level. User adjustable
AMBIENT CONDITIONS	Temperature: -40°C to +60 °C (-40 °F to 140 °F) Relative humidity: Max 95 % RH (non-condensing)



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