

enviMET S

SERIES AUTOMATIC SENSORS



Monitoring meteorological variables is an integral part of local air quality monitoring. As part of the affected area of a few hectares or square kilometers, the measured values can vary quite considerably. In order to interpret the measured data correctly, it is the measurement network monitoring aerosol concentrations of particulate matter or common gaseous pollutants to incorporate sensor meteorological units. enviMET S series automatic sensors is a great and suitable addition to your measurement network.

Key benefits and features



Modular solutions



Possibility to create local measurement networks



Compact sensors with variable installation options. Enclosure rating – IP65.

Factory calibrated & documented

enviMET S

series automatic sensors

The enviMET S sensors are used for monitoring of meteorological variables in a specified location.

Wind speed – ultrasonic measuring principle, range 0-40m/s, accuracy $\pm 0,1$ m/s, resolution 0,01 m/s

Wind direction – ultrasonic measuring principle, range 0-360°, accuracy $\pm 2^\circ$, resolution 0,01°

Atmospheric temperature – range -80 to +60°C,
Sensor - Pt100 RTD element
Accuracy according - Class F 0.1 IEC 60751

Atmospheric humidity – range 0-100%RH
resolution ± 0.6 %RH (in range 0–40 %RH)
resolution ± 1.0 %RH (in range 40–95 %RH)

Radiation Shield – forced ventilated, fan operating voltage – 7-28 V DC

Measuring pressure sensor – range - 300 - 1200hPa,
Accuracy $\pm 0,06$ hPa
Pressure precision ± 0.002 hPa

*Pictures are for reference, actual product may vary.