

POLISPEC LITE INLINE CONTACT

Compact inline VIS-NIR spectrophotometer for contact measurement in production processes. Combines a 256-pixel CMOS sensor, automatic internal references and Poliprocess software for monitoring moisture and other calibration-dependent quality parameters.

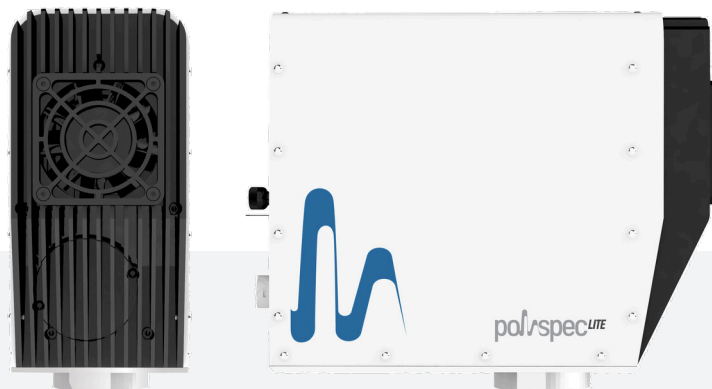


Dim. 22.8 x 17.5 x 8.8 cm (l x h x w)

Weight 2.5 kg

Material Anodised Aluminium
(standard)

IP protection IP68 / IP9K



Sensor CMOS, 256 pixels

Spectral range 580-1080 nm

Average numerical resolution < 2 nm

Average Optical Resolution HWHM < 8 nm

Optical signal collection Direct optical coupling

Power supply 12 Vdc $\pm$ 20%

Power consumption <30W including internal processing
module if installed

Operating temperature From -15°C to +46°C



Command and signals

PLC: Modbus over TCP - Server, Modbus over TCP - Client, ISO over TCP (Siemens S7); OPC UA Server; Analog output through Modbus to Analog converter; CANbus/ISObus



Type of measurement Reflectance; Transmittance*
* may require external accessories

Measurement geometry Diffuse/0°

Measurement references Internal and automatic

Communication channels WiFi + RS422 (standard)

Source type Replaceable halogen lamp (internal backup
lamp also available)



Options

Internal processing unit: Ethernet (NH) or CANbus (NC)



Software

poliPROCESS Process analysis software compatible with the SensoLogic and UCal Chemometric suites, interface available for ISObus and PLC systems (Modbus over TCP).