

POLISPEC VIS+ INLINE CONTACT

Inline VIS-NIR spectrophotometer covering 400–1060 nm for contact colour and chemical-physical monitoring. Features a 512-pixel NMOS sensor, automatic internal references and Poliprocess software for process integration.



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

Weight 3.1 kg

Material Anodised Aluminium
(standard)

IP protection IP68 / IP9K



Sensor NMOS sensor, 512 pixels

Spectral range 400-1060 nm

Average numerical resolution 1.5 nm

Average Optical Resolution HWHM 2.5 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



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).