

POLISPEC VIS+
INLINE
NON-CONTACT

Non-contact VIS-NIR spectrophotometer covering 400–1060 nm for colour and chemical-physical monitoring on production lines. Features a 512-pixel NMOS sensor, IP65 housing and Poliprocess software.



Dim. 41 x 24.6 x 10.1 cm (l x h x w)

Weight 5.2 kg

Material Anodised Aluminium

IP protection IP65



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 Spectrometer unit: 12Vdc, 50W
NCMS02 module 10Vdc, 250W (AC/DC Adapter 230 Vac to 10 Vdc with voltage remote sensing included)

Power consumption Spectrometer unit <30W including internal processing module if installed, Light source <16W

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

Measurement geometry Diffuse broad angular/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).