

POLISPEC VIS+ PORTABLE

Portable VIS-NIR spectrophotometer covering 400–1060 nm for colour and chemical-physical analysis. Features a 512-pixel NMOS sensor, automatic internal references and Polidata software for laboratory and at-line quality control.



Dim. 22.8 x 21.4 x 8.8 cm (l x h x w)

Weight 3.2 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%; Battery 3.35Ah

Power consumption <30W

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



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

At-line accessories



Command and signals

Hardware buttons dedicated to the measurement and to the references acquisition; Light and acoustic signalling of the acquisition status



Software

poliDATA Data acquisition and chemometric prediction software compatible with the SensoLogic and UCal Chemometric suites.



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