

POLISPEC UVISE PORTABLE

Portable UV-VIS-NIR spectrophotometer covering 300–1060 nm for laboratory and at-line quality control. Combines colour measurement and chemometric analysis with automatic internal references and Polidata software.



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 300-1060 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 <35W

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



Command and signals

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



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
UVA internal light source



Options

At-line accessories



Software

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