



The Kepler UV-VIS Solid State is a state of the art spectrophotometer, designed to complement any modern lab. Using the latest technology to provide a stable light source, with no warm up time, long life time and low cost of ownership. The Kepler UV-VIS offers a lot of analysis power in a small and attractive format.

Modern Look and Feel

A modern user friendly Windows interface displayed on an 8 inch touch screen, all housed in an analyser with a small footprint.

Each user can have the screens shown in their own language.

Easy reporting and connectivity

Store millions of measurements on the analyser. No more hand written reports – no transcription errors or misplaced readings. Create your report directly in PDF or Excel compatible CSV.

With USB and Wi-Fi connections you can print directly from the analyser and store your data on a USB device or your server.

Routine made simple

The Kepler has been designed to make your everyday tasks as simple as possible. Jump straight in to your favourite methods. Available with preloaded methods from your regular suppliers.

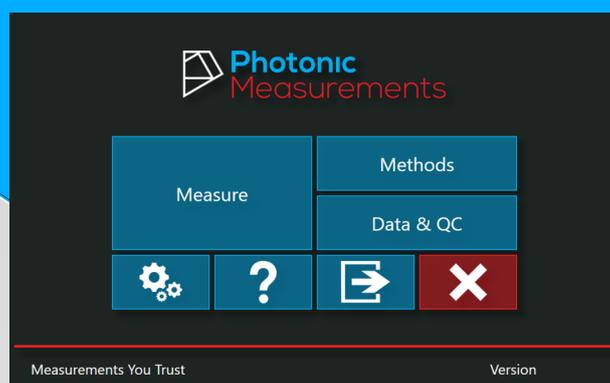
Measure multiple parameters in a single reading.
Create your own custom methods

GLP – Good Lab Practice

Designed with GLP in mind, the analyser provides user access control; administrator, manager and operator levels; with timed auto logoff. Every action is recorded and timestamped in a robust database.

Levy-Jennings and Westgard rules can be applied to identify anomalies.

Operating Mode	Transmittance (%), absorbance, concentration and trending
Light Source	Solid State
Wavelength Range	240 - 980 nm
Wavelength Accuracy	0.2nm
Wavelength Reproducibility	±0.0nm
Wavelength Resolution	0.4nm
Wavelength Selection	Automatic, based on method selection
Spectral Bandwidth	4nm
Scanning speed	Full spectral measurement <4s
Photometric Measuring Range	± 3Abs
Photometric Accuracy	5 mAbs at 0.0-05Abs
Stray Light	< 0.10%
Display	8 inch HD (1280 x 800) colour touch screen
Data Logger	>10 million measurements including full spectra
Method Storage	> 10,000 (custom and pre-loaded)
Sample Cell Compatibility	Rectangular: 10 - 50mm, 1 inch Round: 13, 16, 20mm, 1 inch
Dimensions (W x H x D)	245mm x 267mm x 422mm
Weight	6kg
Operating Conditions	10 to 40 °C, max 80% relative humidity (non-condensing)
Storage Conditions	-25 to 60 °C, max 80% relative humidity (non-condensing)
Enclosure Rating	IP 20
Interfaces	USB type A (4 off), Wi-Fi, Ethernet optional
Warranty	2 years



Spectral Analysis

Spectral analysis couldn't be easier, with spectra stored with every measurement.

Have confidence in your results by comparing spectra to the previous reading. Easily spot peak shifts or sample contamination.

Freedom of choice

No longer feel locked in to a particular reagent manufacturer. Choose the best reagents for your tests based upon suitability, price and availability.

Run your tests as a single sample, or choose batch or kinetic measurements available across a wide range of cuvette sizes and shapes.

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