

Palintest[®]

Leaders in Water Analysis Technology

9100 UV-Vis Spectrophotometer



Palintest 9100 UV-Vis Spectrophotometer

UV-Vis spectroscopy from Palintest Ltd utilises the full range of formulated applications for drinking water, wastewater and industrial process applications



The Palintest 9100 UV-Vis Spectrophotometer provides the full power of spectroscopic analysis with the convenience of the Palintest range of prepared tablet and liquid reagents. Designed to operate in stand-alone mode or controlled via dedicated software, the Palintest 9100 UV-Vis Spectrophotometer delivers superior technical performance within a compact footprint.

Supplied complete with all required accessories, the spectrophotometer is operating and reporting accurate and reliable data within minutes. The Palintest reagent calibration data is automatically loaded either via the software or the program card/PCMA slot.

Every Palintest 9100 UV-Vis Spectrophotometer is delivered with a full validation ensuring compliance with local standards for GLP. Technical support and training are available either directly from Palintest Ltd or our international network of dedicated distributors.



Palintest Spectrophotometer Software

The Palintest 9100 UV-Vis Spectrophotometer features RS 232 communication to a local pc running the dedicated Palintest Spectrophotometer Software suite. Offering full remote control of all spectrophotometer functionality, the software includes data manipulation and reporting tools. Setting of parameters for operation of photometric, quantitation, kinetic and spectral modes is simple and intuitive.

Data manipulation such as arithmetic processing, peak picking, spectral overlay and three dimensional graphical representations allow enhanced reporting, either directly from the Palintest Spectrophotometer Software or via a seamless link to other packages such as Microsoft Word/Excel.

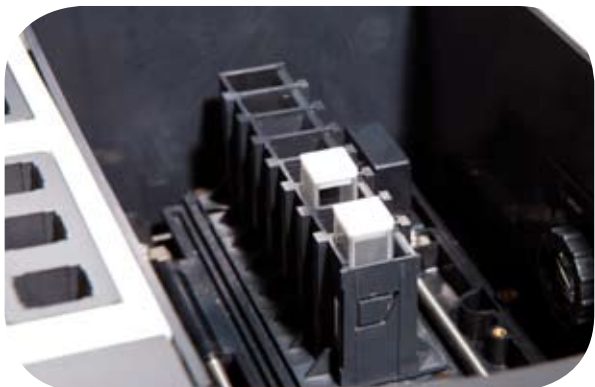
Administration of users including access rights, editing options and a comprehensive log of all actions ensure that the software produced meets the validation requirements of the most demanding audit trail.



Accessories and Reagents

The Palintest 9100 UV-Vis Spectrophotometer is supplied with all accessories required to generate data in minutes. Included in the package are the Motorized 8 Cell Holder, the Fixed Cell Holder, Palintest Spectrophotometer Software disk, Quantitation PCMA Card and additional sundry items such as cuvettes, cells and stopwatch.

The extensive range of Palintest reagents (*refer to reagent literature*) produce high quality results across a wide range of application areas such as drinking water, process water, wastewater and environmental applications.



Technical Specifications

Photometric System	Split beam
Wavelength Range	190 – 1100nm
Wavelength Accuracy	±1.0nm
Wavelength Reproducibility	≤0.2nm
Spectral Bandwidth	2 nm
Photometric Range	-0.3 – 3.0 Abs; 0 – 200%T
Photometric Accuracy	±0.3%T
Photometric Reproducibility	≤0.15%T
Stray Light	≤0.05%T
Baseline Flatness	±0.002Abs
Noise	0%T: ±0.005%T 100%T: ≤0.15%T
Baseline Stability	<0.001Abs/hr
Light Source	Tungsten lamp, Deuterium lamp
Detector	Silicon photodiode
Interface Options	PC via RS232 interface USB converter Multi function instrument keypad PCMA program card
Dimensions	476 x 362 x 225mm
Weight	11kg
Voltage	230V AC

ORDERING INFORMATION

PT 9100

Palintest 9100 UV-Vis Spectrophotometer Set

Palintest 9100 UV-Vis Spectrophotometer
Motorized 8-cell changer
Fixed cell holder
PCMA program card
RS 232 cable
Palintest Spectrophotometer Software (requires activation code)
Two square cells
Five round cells
Crushing rods
Lint free cloths
Stopwatch
Manuals and validation certificates

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