

UviLine RANGE 9100 & 9400

UV & Visible spectrophotometers

- ⇒ Best optical quality for higher accuracy
- ⇒ Windows CE environment to improve your Lab Productivity
- ⇒ Easy to use and detailed software
- ⇒ Wide range of accessories for most

- Education
- Food industry
- Health
- Biotech
- Reference laboratories



UVILINE FAMILY: AN INTELLIGENT COMBINATION OF INNOVATIONS

The two UVILINE instruments and their accessories combine the most innovative design available in the modern analytical instruments:

- Easy to use, accurate, powerful are the UVILINE features' keywords. SECOMAM engineers kept those targets permanently in mind during the design phases
- UVILINE spectrophotometers are the market easiest to use spectrophotometers: Powerful software, GLP compliance and fully accessible cuvette compartment

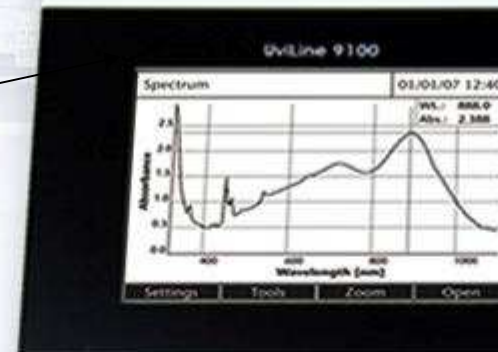


Designed with the latest technology:

- Windows CE environment
- 2 USB ports + RS 232
- USB stick for update & storage
- External alphanumeric keyboard

Almost any spectroscopic tests can be performed easily using the One Touch keyboard and the large and bright backlit screen:

- Absorbance/Transmittance
- Concentration
- Spectrum Scanning
- Kinetics
- Methods and results storage
- GLP compliance



Perfect optical design:

- 1200 L/mm holographic grating for very low Stray Light
- Large Wavelength range:
 - 190 to 1100 nm for 9400
 - 320 to 1100 nm for 9100
- High optical resolution : 4nm
- Ambient light automatic compensation
- Fast scanning capability
- High light purity allowing a large reading range :
 $\pm 3,300$ Abs
- Automatic wavelength calibration

Robust case:
IP 30

Screen and keyboard easy to clean
and waterproof
Small footprint

UviLine 9100 &

- Time saving and best value for money are significant criteria for customer's purchasing decision. UVILINE spectrophotometers match these 2 points thanks to their software easy to learn and to practise, fast reading process, and long life span lamps (xenon for the 9400 model)

Large cell compartment for cells up to 100 mm.
Full range of accessories:

- 10 mm single cell holder (thermostatable)
- 20/50/100 mm single cell holder
- 10 mm cell single holder with Peltier
- Sipper
- 5+1 automatic cell changer

Ambient stray light proof protection
Easily accessible

Standard PLC printer compatible via the USB ports



& UviLine 9400

	<u>Software details</u>
Concentration	From 0 to 10 standards with interpolations. Graphic calibration curve management
Kinetics	Dynamic graphic curve display, graphic management: zoom, slope calculation, current Abs
Spectrum scanning	Dynamic graphic curve display: graphic management: zoom, derivative, current Abs, peaks and valleys
Multi Wavelength	Up to 10 WL— results formula
GLP compliant	User login with 3 levels
Storage capacity	Internal: 100 methods/ 30 graphics/ 1000 data— with USB key: limited to the key size

Technical specifications

	9100 Visible unit	9400 UV-Visible unit
Wavelength range	320-1100 nm	190-1100 nm
Light sources	halogen	Xenon
Optical resolution	4 nm	4 nm
Incremental WL step	Reading: 0.1 nm— setting : 1nm	Reading: 0.1 nm— setting: 1 nm
WL accuracy	± 1nm	± 1nm
WL repeatability	± 0,2 nm	± 0,2 nm
Absorbance range	± 3,300	± 3,300
Absorbance resolution	0,001	0,001
Absorbance accuracy	0, 3 % or 0,003 Abs <0, 600 Abs	0, 3 % or 0,003 Abs <0, 600 Abs
Baseline repeatability	± 0,010 Abs	± 0,010 Abs
Scanning speed	Low- medium— fast	Low- medium— fast
Update	Via USB port	Via USB port
Interface	1 USB-A, USB B, 1 RS 232C	1 USB-A, USB B, 1 RS 232C
IP standard	IP 30 with drain in the cell compartment	IP 30 with drain in the cell compartment
Power supply	110-220 V 50/60 Hz—specific country cable	110-220 V 50/60 Hz - specific country cable
Temperature	Use: 10 to 35 °C / storage –25°C to 65 °C	Use: 10 to 35 °C / storage –25°C to 65 °C
dimensions	404x197x314 mm	404x197x314 mm
Weight	4 Kg	4 Kg

Ordering information

70VI0500 UviLine 9100 - VISIBLE 4 nm spectrophotometer
 70VI0510 UviLine 9400 - UV/VISIBLE 4nm spectrophotometer
 80ZZ0035 pre-aligned spare lamp for UviLine 9100
 70VI0600 Automated 5+1 cell changer / instrument driven *
 70VI0605 20/50/100 mm cell holder *
 70VI0601 Sipper / instrument driven *
 70VI0602 Thermostatable 10mm cell holder *
 70VI0603 10mm cell holder thermostated (Peltier system) / instrument driven *
 70VI0604 10mm cell holder (delivered standard with all UviLine series)
 70VI0606 PC LabPower software *

Cells and consumables :

please ask for our 24 pages detailed catalogue

* Contact us

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