

# Uvi Light

A Complete range of UV-Vis Spectrophotometers

NEW



- 8 models for maximum flexibility
- Standard software for routine or advanced applications
- Photometric range 190 to 900 nm
- Available with 5 or 2 nm bandwidth

Flexible & Evolutive



8 Uvi Light models for all laboratory applications

**SECOMAM**

SECOMAM is an ISO 9001-2000 company. All products are CE compliant.

More information on SECOMAM : [www.secomam.com](http://www.secomam.com)

CE



# Uvi Light

A Complete range of UV-Vis Spectrophotometers



## Uvi Light XS

- Routine applications
- Easy to use but powerful

Analysis modes Absorbance / %Transmission /Concentration • 50 memories • 2 lines LCD backlit display • RS232C connection

Available in 2 or 5 nm bandwidth



## Uvi Light XTD

- Advanced applications
- Comfort of use
- PC flat screen connection

Advanced analysis modes Abs/%T/Conc/Kinetics/ Multiwavelength /Spectrum scanning • Parallel and RS232C connection • Mouse port • 3"5 floppy drive • Keyboard, mouse & TFT or CRT screen<sup>1</sup>

Available in 2 or 5 nm bandwidth



## Uvi Light XT

- Advanced applications
- Compact, built-in components
- 7"5 VGA LCD display
- 3"5 floppy drive

Advanced analysis modes Abs/%T/Conc/Kinetics/Multiwavelength /Spectrum scanning • Giant built-in 7"5 VGA LCD backlit display • Parallel and RS232C connection • PS/2 mouse • 3"5 floppy drive • Optional external keyboard

Available in 2 or 5 nm bandwidth



## Uvi Light PC

- Advanced applications
- Windows ease of use
- Software PC controlled

Delivered with Windows LabPower Jr software<sup>2</sup> • Advanced analysis modes Abs/%T/Conc/ Kinetics/Multiwavelength /Spectrum scanning • All standard photometric applications.

Available in 2 or 5 nm bandwidth

## Technical specifications

Band width	2 or 5 nm
Spectral range	190-900 nm
Accuracy	+/- 1 nm
Reproducibility	+/-0.1 nm
Display resolution	0.1 nm
Photometric range	-0.1 to 3.000 A 0.1 to 110 %T
Accuracy	+/-0.005 A
Drift	< 0,003 A/h at 500 nm
Stray light	< 0.4 % at 200 nm < 0.002 % at 220 and 340 nm
Base line stability	+/-0.001 A
memories	50 methods on XS, unlimited on XT, XTD and PC
Zero	Automatic
Light source	Visible tungsten-halogen pre-adjusted lamp UV deuterium pre-adjusted lamp
Monochromator	Jobin Yvon with concave holographic grating resolution 1200 lines/mm
Detector	Silicon diode
Cell holder	10 to 100 mm single cell
Output	RS232C & Parallel
Power	115V/60Hz to 230V/50Hz
Dimensions	H x L x D 295 x 500 x 415 mm (11,6 x 19,7 x 16,3 inches)
Weight	7,5 kg (15 lbs)
Waranty	1 year

1 - Should be purchased separatly  
2 - PC not included

## Ordering information

### Uvi Light XS

70ST0552 Uvi Light XS 5 nm  
70ST0522 Uvi Light XS 2 nm

### Uvi Light XT

70ST0554 Uvi Light XT 5 nm  
70ST0524 Uvi Light XT 2 nm

### Uvi Light XTD

70ST0553 Uvi Light XTD 5 nm  
70ST0523 Uvi Light XTD 2 nm

### Uvi Light PC

70ST0551 Uvi Light PC 5 nm  
70ST0521 Uvi Light PC 2 nm

## Options & accessories

### Windows software

70MI0510 LabPower Junior software

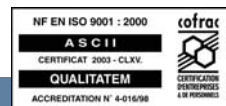
### Cuvette holders

Round tube holder  
Thermostatable cell holder  
Peltier thermostated cell holder  
Automatic 9-position cell changer  
Automatic aspiration system

### Printers

Thermal, dot matrix or inkjet printers

SECOMAM products are available from



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