

# UPLAB

## SPECTROPHOTOMETERS



- Calibration curves can be set by user: inserted up to 10 standards or entered up to 10 K or B factors directly via keyboard
- All the parameters can be recorded and recalled
- Data can be printed or recorded into a PC
- Up-lab is equipped with UpSoft, a specific control software intended for accurate analysis and flexible measures via PC
- Automatic control of the wavelength (for UV-VIS AUTO model)

Specifications	VIS	UV-VIS	UV-VIS AUTO
Wavelength range	320~1100nm		190~1100nm
Wavelength accuracy	±2.0nm		± 0,5 nm
Wavelength reproducibility	1nm		0,2 nm
Monochromator	Single ray		
Accuracy	±0.5%T		± 0,5%T (0~100%T) ; ± 0,002A (0~0,5A) ; ± 0,004A (0,5A~1A)
Photometric reproducibility	0.3%T		0,2% T
Stray light	0.1%T (NaNO <sub>2</sub> at 340nm)	0.1%T (NaI at 220nm, NaNO <sub>2</sub> at 340nm)	≤ 0,1%T (NaI at 220 nm ; NaNO <sub>2</sub> , at 340 nm)
Spectral bandwidth	2nm (1, 4, 5nm optional)		2nm(5nm, 1nm optional)
0%T stability	0.2%T(30min)		
100%T stability	0.001A/30min (at 500nm, after warming up)		
Operation mode	T, A, C, E		T, A(-0.33A), C, E
Photometric range	-0.3~3A		
Display	16X2 LCD		6 inches high light blue LCD
Detector	Silicon Photodiode		
Emission source	Tungsten halogen lamp	Tungsten halogen lamp, D2 lamp	Tungsten halogen lamp, D2 lamp
Power supply	220±10%, 50Hz		230V/50Hz, 110V/60Hz
Consumption	100W	120W	140W
Dimensions	530×410×210mm		
Net weight	15kg	16kg	18kg

# UPLAB

## SPECTROPHOTOMETERS



**UpSoft** is a Steroglass patented software that allows for user-friendly analytical spectrophotometer determinations. Thanks to its methods "End-Point", "Differential", "Differential self blank" and "Colours", combined with Steroglass kits, all the semiautomatic enzymatic and colorimetric analyses are made possible.

### Software highlights:

- Customizable formula for calculating the results
- Calculation of correlation coefficients by reading through multi-standard algorithm of the minimum square (calibration)
- Recalculation of results through correlation coefficients using the current realignment
- Evidence of results outside range of linearity of the method
- Easy customization of the working method
- Export data to Excel format (Windows Excel not required)
- Steroglass methods are loaded: it is possible to insert methods for other applications (open software)
- Print work report
- Search for the analysis performed in the past with possibility of print and/or export to Excel
- Trend on time on the various analyzes carried out on a sample
- Windows compatible

### HOW TO ORDER

Code	Description
<b>SQSP069641</b>	UP LAB UV-VIS spectrophotometer single ray complete of UpSoft software for automatic calculation of the analytical parameters
<b>SQSP069807</b>	UP LAB VIS spectrophotometer single ray complete of UpSoft software for automatic calculation of the analytical parameters
<b>SQSP069808</b>	UP LAB UV-VIS spectrophotometer single ray complete of UpSoft software for automatic calculation of the analytical parameters