

SPECTROPHOTOMETER VIS 3500



A compact instrument designed for measurements in the range 320 - 1100nm quickly, easily and precise.

The VIS 3500 model is an instrument of high performances at an affordable cost.

The membrane keyboard of full control, the LCD high-definition screen 128 * 64 for data and curves, and the USB and Parallel ports provide the input / output data, reading measurements and processing functions.



Control Panel

PERFORMANCES

- ◆ Automatic to measure Absorbance, Transmittance and Concentrations simultaneously
- ◆ Memory store of up to 200 results
- ◆ Calculation curves to determine concentrations of samples.
- ◆ Grating 1200 lines/mm
- ◆ Automatically WL. calibration and dark current getting
- ◆ Coefficient Method to find concentrations
- ◆ The V-3500 admits the whole range of manual and motorized multiple cuvette holders or the "Peltier" thermostating systems and "Sipper" automatic sample dosing.
- ◆ Optional PC software providing the following functions:
 1. Kinetics
 2. Quantitative calculations
 3. Scanning's
 4. Automatic measurements at several wavelengths
 5. Calculations DNA / Protein
 6. Significant increase in data storage capacity

It includes:

Manual positioner for 4 cuvettes of 10mm light path operable externally
4 glass cuvettes 10mm path light with lid

Specifications

Parameters	Features	Parameters	Features
Wavelength range	320 – 1100nm	Photometric range	-0.300 to 3.000A; 0 to 200%T 0-9999C
Measuring modes	ABS / T% / CONC	Detector	Silicon Photodiode
Bandwidth pass	2nm	Display	LCD HD 128*64
Optical system	Single beam. Grating 1200 lines/mm	Light source	Halogen lamp W
Stability	±0.002 Abs/h at 500nm	Standard cell holder	4-position 10mm cell changer
Wavelength accuracy	± 0.8nm	Keyboard	Membrane
Wavelength repeatability	0.3nm	Interface	USB and Parallel(printer)
Wavelength setting	Automatically by keys	Power	AC110... 220V 50/60Hz
Photometric accuracy	± 0.3%T	Size	460 x 360 x 225mm
Photometric repeatability	0.2%T	Weight	18kg
Stray light	≤0.05%T		

Ordering information

Code	Description
6.3500.00	Spectrophotometer UV / VIS with cuvettes. Model VIS 3500
6.3000.01	Software to PC – Quantitative / Kinetic / Scanning / Multi-WL / Proteins / DNA
8.9749.00*	PC, monitor TFT 19" for UV/ VIS 4600
6.6900.03	Halogen lamp W

Accessories

Code	Articles
6.3200.02	10mm 4-hole cell holder
6.3200.03	50/100mm 4-hole cell holder
6.6900.01	Cuvette holder 8x10mm automatic
6.6900.02	Cuvette holder 8x10mm manual
6.3200.17	10mm 1-hole cell holder for water circulation
6.3200.05	Adjustable cell holder for micro cuvettes
6.3200.06	Transparent film holder
6.3200.07	Test tube holder 25mm Ø maxim
6.3200.08	Peltier system
6.3200.09	Sipper system
6.3200.10	Peltier / Sipper system
6.6900.07*	Micro printer



Cuvettes

Code	Articles
6.3200.11	Glass cuvette with lid 1.7ml, path light 5mm, set 4pcs
6.6900.05	Glass cuvette with lid 3.5ml, path light 10mm, set 4pcs
6.3200.12	Glass cuvette with lid 7ml, path light 20mm, set 4pcs
6.3200.13	Glass cuvette with lid 10.5ml, path light 30mm, set 4pcs
6.3200.15	Glass cuvette with lid 17.5ml, path light 50mm, set 4pcs
6.3200.16	Glass cuvette with lid 34ml, path light 100mm, set 4pcs
1.9363.00	Plastic cuvette with lid 3.5ml, path light 10mm, set 100pcs
6.4000.01	Quartz cuvette with lid 1.7ml path light 5mm, set 2pcs
6.6900.06	Quartz cuvette with lid 3.5ml path light 10mm, set 2pcs
6.4000.02	Quartz cuvette with lid 7ml path light 20mm, set 2pcs
6.4000.03	Quartz cuvette with lid 10.5ml path light 30mm, set 2pcs
6.4000.05	Quartz cuvette with lid 17.5ml path light 50mm, set 2pcs
6.4000.06	Quartz cuvette 34ml path light 100mm, set 2pcs
6.4000.07	Micro cuvette 12.5*12.5*45, 100µl, set 2pcs
6.4000.08	Micro cuvette 12.5*12.5*45, 200µl, set 2pcs
6.4000.10	Micro cuvette 12.5*12.5*45, 700µl, set 2pcs



Distributor: