

# 72 series spectrophotometers



Spectrophotometers 7200 (Visible) and 7205 (UV/Visible) use diode array technology to produce exceptionally fast results. The colour touch screen interface provides fast and easy set up.

## Advantages

- Modes : absorbance, concentration, kinetics, spectrum analysis in 50 points
- Small footprint and lightweight
- USB ports ( communication to a PC and optional printer)
- Wide range of accessories available
- Equipped with a cuvette position 10x10 mm, and an external cuvette holder
- Supply with : internal memory 1 GB, 1 SD/USB drive 1 GB, 100 disposable plastic cuvettes, user manual, power cable and software on CD-ROM with connection cable.



## Specifications

	7200 - Réf.197200	7200 - Réf.197205
<b>Wavelength</b>		
Wavelength Range	335 to 800 nm	198 to 800 nm
Resolution	1 nm	1 nm
Accuracy	±2 nm	±2 nm
Repeatability	±2 nm	±2 nm
Bandwidth	7 nm	5 nm
<b>Photometrics</b>		
Transmittance	0 to 199.9 %T	
Absorbance	- 0.300 to 2.500 A	
Accuracy	±0.01 A to 1.0 A	
Resolution	0.1 %T, 0.001 A	
Noise	<0.002 at 0 A, <0.04 at 2A and 546 nm	
Stability	± 0.005 A/h at 0.04 A and 546 nm after 60 min warm-up	
<b>Quantitation</b>		
Range	± 2500	
Calibration	Blank with up to 6 standards	
Curve Fit Algorithms	Linear and linear through zero	
<b>Kinetics</b>		
Measurement Time	15 to 9999 seconds	7 to 9999 seconds
Number of wavelengths	3	3
Calibration	Blank with factor	
Display	Graphical, rate of change and concentration	Graphical, rate of change and concentration
Kinetics Analysis	Concentration	
<b>Spectrum</b>		
Range	335 to 800 nm	198 to 800 nm
Spectrum Analysis	Absorbance or % transmittance and up to 50 spectral analysis points	Absorbance or % transmittance and up to 50 spectral analysis points
<b>Light source</b>		
Configuration	Tungsten Halogen lamp	Xenon lamp
<b>Data storage</b>		
Outputs	Free access or secure access for multiple users (password) 10 + 1 Supervisor (Administrator)	
Dimensions / Weight	5000 methods and 5000 results for 1GB of internal memory ( standard)	
	USB, Centronics parallel (external printer), analog	
	212 x 442 x 120 mm / 2.8 Kg	

Ref.197200

Ref.197205

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