

7300

Visible Spectrophotometer

The 7300 spectrophotometer uses icon driven software and has an improved navigation system for easy and intuitive usability. This instrument has measurement modes for absorbance, % transmittance and concentration. The 7300 is easy to use and is ideal for use in education and general QC laboratories.

Technical Specification

Wavelength

Range	320 to 1000nm
Resolution	1nm
Accuracy	±2nm
Spectral Bandwidth	5nm

Photometrics

Absorbance Range	-0.300 to 2.500A
Transmittance Range	0 to 199.9%T
Photometric Accuracy	±1%T, ±0.01A at 1.000 Absorbance

Concentration

Range	-300 to 9999
Resolution	Selectable 1/0.1/0.01/0.001
Units	no units, %, ppm, EBC, SRM, mEq/l, mEq, M, mM, µM, nM, U, U/l, U/ml, g/l, mg/l, µg/l, ng/l, g/dl, mg/dl, µg/dl, mg/ml, µg/ml, ng/ml, µg/µl, ng/µl, mol/l, mmol/l
Factor	0.001 to 10000
Standard	0.001 to 1000
Calibration	Blank with a single standard or factor

Other

Light Source	Tungsten halogen lamp
Outputs	Analogue, RS232, Internal printer
Size (w x d x h), mm	275 X 400 X 220
Weight, kg	6

Key Features

- Wavelength range 320 to 1000nm
- 5nm spectral bandwidth
- Icon driven software
- Small footprint
- Autologging capabilities
- 3 year warranty



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Part code: 730 001

Ordering Information

Part Code	Description
730 001	7300 Visible spectrophotometer fitted with a single 10x10mm cuvette holder and supplied with 100 disposable cuvettes, instruction manual, universal power supply, PC software on CD ROM and interface cable.