

Key Features

- Wavelength range of 198 to 1000nm
- Xenon lamp
- Easy and intuitive operation
- Absorbance, %T and concentration modes
- Multi-parameter display with wavelength and photometric readouts
- Wide range of sampling accessories
- 3 year warranty



6305

Part code: 635 001

6305

UV/Visible Spectrophotometer

The 6305 is ideal for applications similar to the 6300 requiring measurements in the UV and visible wavelength ranges. Using a single, pulsed xenon lamp the 6305 offers an extended lamp life and high energy throughput in the UV and visible regions.

Technical Specification

Wavelength

Range	198 to 1000nm
Resolution	1nm
Accuracy	±2nm
Spectral bandwidth	8nm, 6nm over UV range

Photometrics

Transmittance	0 to 199.9%T
Absorbance	-0.300 to 1.999A
Accuracy	±1%T
Resolution	0.1%T, 0.001A
Stray light	<0.5%T at 220 and 340nm
Noise	<0.001A at 0A at 400nm
Stability	<0.002A/h after 30 minutes

Concentration

Range	-300 to 1999
Resolution	0.1 to 1
Units	ppm, mg/l, g/l, M, %, blank
Factor	0 to 199.9, 1000 to 9999

Other

Light source	Xenon lamp
Outputs	Analogue and RS232
Power	<50W*
Size (w x d x h), mm	365 x 272 x 160
Weight, kg	6

Ordering Information

Part Code	Description
635 001	6305 UV/Visible spectrophotometer supplied with mains lead, pack 100 disposable cuvettes, 10x10mm cell holder, interface cable and 63-Zero PC application software on CD-ROM** (230/50Hz)

* Voltage variants available see page 94

** Requires free on-line registration