

ONDA UV-42 SCAN double beam spectrophotometer

Code: 11000102



TECHNICAL DATA SHEET

Performance

Functions	Photometry, Quantitative, Multi WL, Spectrum scan, Time scanning, Kinetics, DNA/Protein, Custom methods, File management, System, Performance verification
WL accuracy	$\pm 0,3$
WL repeatability	$\leq 0,2$ nm
Wavelength resolution	0,1 nm
Photometric range (%T)	0 - 400 %T
Photometric range (Abs)	-4,0 - +4,0 Abs
Concentration range	0 - 9999,9 Conc
Accuracy (photometric)	$\pm 0,002$ Abs (0,0 - 0,5 Abs) $\pm 0,004$ Abs (0,5 - 1,0 Abs) $\pm 0,3$ %T (0,0 - 100,0 %T)
Photometric repeatability	$\leq 0,001$ Abs (0,0 - 0,5 Abs) $\leq 0,002$ Abs (0,5 - 1,0 Abs) $\leq 0,15$ %T (0 - 100 %T)
Photometric resolution	0,001
Diffused light	$\leq 0,03$ %T @ 220 e 360 nm
Stability	$\pm 0,002$ Abs/hr (500 nm after 2 hours warm-up)

Features

Optical system	Double beam
Measuring range (nm)	190 - 1100 nm
Bandwidth	1 nm
Detector	Silicon photodiodes
Display	Colour LCD touch screen display 10.1", 1280 x 1280
Connection	USB-A / USB-B / RS-232 / Ethernet
Memory	64 GB (internal) expandable with USB stick and SD card
Language	IT - EN - CHN - ESP - DEU - FRA - POR - RUS

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Standard cell support	Fixed 1 position, 10 mm path lenght
Communication interfaces	Touch screen
Performance verification	Yes

Feeds

Power supply	100 - 240
Power	140

Dimensions and weight

Dimensions (WxDxH)	456 x 360 x 185
Weight	17,0