

ONDA TOUCH UV/VIS

Spectrophotometer UV-21

Code: 11000072



TECHNICAL DATA SHEET

Performance

Functions	Photometry, Quantitative, file management, performance verification
WL accuracy	$\pm 1,0$ nm
WL repeatability	$\pm 0,4$ nm
Wavelength resolution	0,1 nm
Photometric range (%T)	0 ... 200 % T
Photometric range (Abs)	-0,3 ... 3 Abs
Concentration range	0 ... 9999,9 Conc
Accuracy (photometric)	$\pm 0,5$ (0 - 100) %T
Photometric repeatability	$\pm 0,2$ (0 - 100) %T
Photometric resolution	0,001
Diffused light	< 0,2 %T
Stability	± 0.002 Abs/hr (at 500 nm after 2 hours warm-up)

Features

Optical system	Single beam
Measuring range (nm)	195 - 1050 nm
Bandwidth	4 nm
Source	Tungsten - halogen / Deuterium
Detector	Silicon photodiodes
Display	Colour display 5" touch, fixed, 480 x 272 px
Connection	USB-A / USB-B / RS-232
Memory	236 kB (internal) expandable with USB stick
Language	IT - EN - ES - DE - FR - PT
Standard cell support	Manual 4 pos., cuv. optical path 10mm
Communication interfaces	Touch screen

Feeds

Power supply	100 - 240 V, 50 / 60 Hz
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Via della Meccanica, 25, 41012 Carpi (MO) - Italy
+39 059 653274 - info@giorgiobormac.com

Power 120 W

Dimensions and weight

Dimensions (WxDxH) 456 x 360 x 185 mm

Weight 10,7 kg