

Technical Specifications

Feature	Specification
Dimensions (w x d x h)	500 × 570 × 400 mm
Weight	38 kg
Voltage	220-240V 50-60Hz or 110-120V
Rated current	1.0A (110-120V) / 0.5A (220-240V)
Spectrometer	Scanning monochromator
Wavelength range	570 - 1100 nm
Detector	Silicon
Optical bandwidth	7 nm
Number of data points/scan	265
Mode	Transmittance
Light source	Tungsten halogen lamp
Detector	Silicon
Storage media	Flash disk, USB memory stick
Display	640 × 480 TFT LCD

Sample handling and result presentation

Analysis time	50 seconds for 10 sub-samples
Path length	Variable cell automatically controlled from 6 - 33 mm
Result report	Presented on the display as default. Can be sent to PC/LIMS and the printer port
Outlier function	Warnings and options for the presentation of the result

Operation Data

Software	Menu driven
Regression programs	ANN (Artificial Neural Network); PLS (Partial Least Squares)
No. of sub-samples	1 - 20

Instrument management

Networking software	FossManager™
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