

V-10 Plus Visible Spectrophotometer

The V-10 Plus is the basic Visible spectrophotometer for the general analysis and routine measurements, widely used in clinical and veterinary laboratories and in high schools and colleges. It is the only model with automatic wavelength setting, whose precise design and high quality components ensures excellent performance.

Features

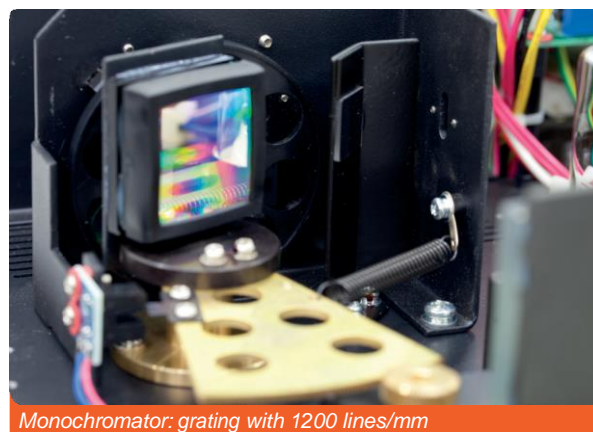
- AutoZero and Blank
- Wavelength read out directly from the screen
- Basic Mode: Absorbance, Transmittance
- Quantitative: Standard Curve, Coefficient Methods
- Basic PC software expand the applications to Standard Curve and Kinetics
- High quality silicon photometric diode detector and 1200 lines/mm grating ensure high accuracy and precision
- Large sample compartment, suitable 5-100mm path length cuvettes (with optional holders)
- Large LCD Screen (128x64 Dots)
- USB port for PC remote control
- Pre-aligned design ensures the user change lamp conveniently



Ideal for:

- Clinical/veterinary Laboratories
- High schools/colleges
- General analysis
- Routine measurements

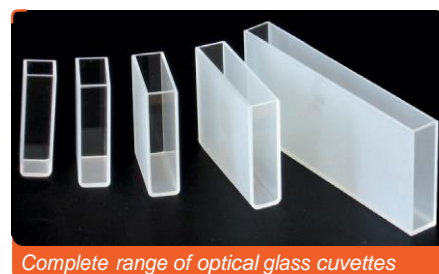
Technical Data	V-10
Wavelength Range	325 - 1000 nm
Spectral Bandwidth	4 nm
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	± 2 nm
Wavelength Repeatability	± 0,8 nm
Wavelength Resolution	0,1 nm
Photometric Accuracy	± 0,5% T or ±0,004 Abs @ 1 Abs
Photometric Repeatability	± 0,3% T
Photometric Range	0...200 %T , -0,3...3 A, 0...9999 Conc
Stray Light	0,3 %T
Stability	±0,002 A/h @ 500 nm
Display	Graphic LCD (128x64 Pixels)
Photometric Mode	%T, Abs, Quantitative
Detector	Silicon Photodiode
Standard Cell Holder	4-position 10mm cell changer
Sample Compartment	Standard 10mm path-length cells
Light Source	Tungsten lamp
Output	USB Port for external PC control
Power Requirement	AC 85V~265V 50/60Hz
Dimensions (W*D*H)	490 x 360 x 210 mm
Weight	12 kg



Monochromator: grating with 1200 lines/mm

Part No.	Description
042.110000.52	V-10 Plus Spectrophotometer, including: 4 optical glass cells, 4-position cell holder, power cable with EU plug, Basic PC software, dust cover. Complete with Test Certificate referable to DKD Standard

V-10 Accessories	
Part No.	Description
042.200000.39	4-cell holder for up to 50mm square cuvette
042.200000.40	4-cell holder for up to 100mm square cuvette
042.200000.43	Square cuvettes, optical glass, 10mm. Set of 4 pcs
042.200000.44	Square cuvettes, optical glass, 20mm. Set of 4 pcs
042.200000.45	Square cuvettes, optical glass, 30mm. Set of 4 pcs
042.200000.46	Square cuvettes, optical glass, 50mm. Set of 4 pcs
042.200000.47	Square cuvettes, optical glass, 100mm. Set of 4 pcs



Complete range of optical glass cuvettes