

## 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

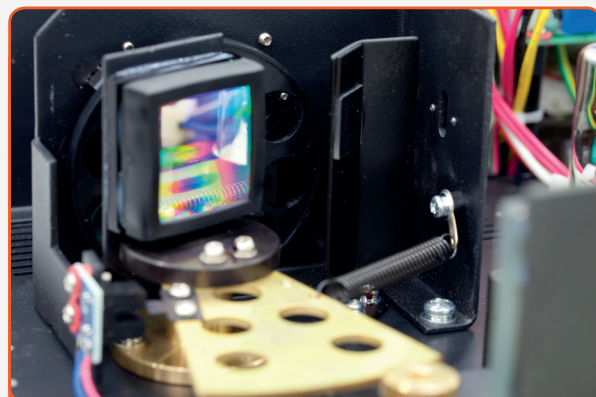
- AutoZero and Blank
- Wavelength read out directly from the screen
- Basic Mode: Absorbance, Transmittance
- Quantitative: Standard Curve, Coefficient Methods
- Basic PC software expand the applications to Standard Curve and Kinetics
- High quality silicon photometric diode detector and 1200 lines/mm 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

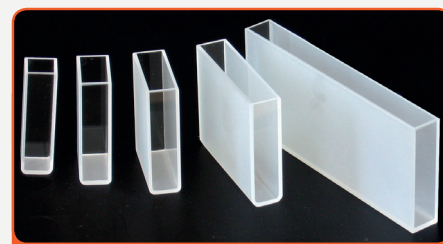
Technical Data	V-10
Wavelength Range	325 - 1000 nm
Spectral Bandwidth	4 nm
Optical System	Single Beam, Grating 1200 lines/mm
Wavelength Accuracy	± 2 nm
Wavelength Repeatability	± 0,8 nm
Wavelength Resolution	0,1 nm
Photometric Accuracy	± 0,5% T or ±0,004 Abs @ 1 Abs
Photometric Repeatability	± 0,3% T
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
11000052	<b>V-10 Plus Spectrophotometer</b> , including: 4 optical glass cells, 4-position cell holder, power cable with EU plug, Basic PC software, dust cover. <b>Complete with Test Certificate referable to DKD Standard</b>

V-10 Accessories	
Part No.	Description
11000212	4-cell holder for up to 50mm square cuvette
11000222	4-cell holder for up to 100mm square cuvette
11000252	Square cuvettes, optical glass, 10mm. Set of 4 pcs
11000262	Square cuvettes, optical glass, 20mm. Set of 4 pcs
11000272	Square cuvettes, optical glass, 30mm. Set of 4 pcs
11000282	Square cuvettes, optical glass, 50mm. Set of 4 pcs
11000292	Square cuvettes, optical glass, 100mm. Set of 4 pcs



Complete range of optical glass cuvettes