



KLABS KVS-1020 Visible Spectrophotometer

Microprocessor based



Product Description

KLABS KVS-1020 Visible Spectrophotometer is a microprocessor-based instrument designed for accurate absorbance, transmittance and concentration measurement. It is suitable for routine laboratory analysis with easy operation and PC connectivity.

Features

- Large sample room to place 50mm cuvette
- Digital display of %T, Abs and Conc.
- Auto light door and zero setting
- Compact design
- Covers 320 - 1020 nm

Application/Uses

- Laboratory sample analysis
- Absorbance and transmittance testing
- Concentration measurement
- Educational and research use

Accessories

- Glass cuvettes - A set of 2
- Instruction manual
- RS232 cable for PC connectivity
- Mains lead
- Dust cover
- Software



LCD Display



SOFTWARE CONTROL SYS.



ACCURATE & STABLE



EASY OPERATION



USB CONNECTIVITY

Technical Specifications

Specification	Details
Product Name	Visible Spectrophotometer
Model Number	KVS-1020
Optical System	Czerny-turner CT grating monochromator, 1200 lines / mm
Wavelength Range	320-1020nm
Spectral Bandwidth	4nm
Wavelength Accuracy	2 nm
Wavelength Repeatability	≤ 2 nm
Photometric Range	-0.000 to 1.999A, 0-199.9%
Photometric Accuracy	±1%T
Photometric Repeatability	0.5%T
Measuring Optical Path	10mm, 50 mm
Stray Light	≤ 1.0%T (340 nm)
Stability	± 0.004 A/h (500 nm preheat 1 hour)
Display Modes	4 modes, LCD
Detector	Silicon photodiode
Keyboard	Soft touch membrane key
Wavelength Resolution	2nm
Basic Measurement	%T, ABS, CONCENTRATION, FACTOR
Light Source	6V 10W
Operating Voltage	220V/110VAC,50-60Hz