



KLABS Microprocessor Single Beam Visible Spectrophotometer



Product Description

The KLABS Microprocessor Single Beam Visible Spectrophotometer is designed for reliable continuous operation. It is easy to use, thoroughly reliable, and above all low cost. The instrument utilizes a holographic flashing grating monochromator to provide high wavelength precision, excellent monochromatic performance, and low stray light. It is equipped with a 50 mm cell holder and supports direct concentration read-out with concentration factor setting function.



KSP-1020V



Spectrophotometer models are designed for reliable continuous operation. It is easy to use, thoroughly reliable and above all low cost.

Features

- The Monochromator with a holographic flashing grating is used.
- It has the advantage of high wavelength precision, good monochromatic and low stray light.
- A sample compartment is equipped with 50 mm cell holder.
- Direct concentration read-out and concentration factor setting function.

Technical Specifications

Specification	Details
Optical System	C-T Single Beam, Grating 1200lines/mm
Wavelength Range	320-1020nm
Spectral Bandwidth	2nm
Wavelength Interval	1nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	≤1nm
Photometric Accuracy	±1%T
Photometric Repeatability	0.5%T
Photometric Range	0 -1.999A, 0-199.9%T
Stray Light	≤0.3%T@340nm
Stability	±0.004A/h @500nm
Display	4" LCD
Photometric Mode	T,A,C
Detector	Si Photodiode
Light Source	Tungsten lamp
Power Requirement	AC (220V/50Hz)
Dimensions (W x D x H)	450 x 520 x 320mm
Weight	10kg

Standard Configuration

Item	Quantity
Main Instrument	1 Unit
Operational Manual	1 No.
Power Cable	1 No.
Glass Cell 10mm	4 No.