

LVS - Series

VISIBLE
Spectrophotometer



Vis Spectrophotometer LVS-A11

Our product is specially designed for industry and labs. It incorporates the latest technology having high accuracy with digital wavelength display and automatic calibration facility.

Features

- Single beam, C-T type, 1200 lines/mm grating
- High Vis performance between 335 and 1000 nm
- Silicon photo diode detector
- Tungsten lamp as light source



Application

Quantitative and qualitative analysis, detection of Impurities and functional groups determination. DNA/Protein analysis.

Vis Spectrophotometer LVS-A11

Technical Specification

Model No.	LVS-A11
Wavelength Range	325~1000 nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	1 nm
Photometric Range	T:0~199.9% , A:-0.3~2.5Abs, F:0~9999, C:0~9999
Photometric Accuracy	±0.5% T
Photometric Repeatability	0.2% T
Detector	Silicon photo diode
Light Source	Tungsten lamp (Socket Type, 20W / 12V, 2000h)
Stray Light	≤0.5%T(360nm)
Stability	≤0.5%T/5min
Power Requirement	220V/50Hz
Actual Dimensions	385×330×185 mm
Weight	10kg

Vis Spectrophotometer LVS-B10

We deliver the best quality of visible spectrophotometer LVS-B10 having large memory space which can store multiple sets of data and display it. Quantitative measurement of standard curve is established through direct input of K & B factor.

Features

- Automatic zero, 100% and wavelength adjustment
- Equipped with Single-chip microcomputer control, 128*64 Dots LCD Screen
- Standard curve for quantitative measurement can be established in simple method
- More precise measurement
- Imported Silicon Photodiode Detector and USB interface
- Light Source : Imported Tungsten Lamp



Application

Quantitative and qualitative analysis, detection of Impurities and functional groups determination

Vis Spectrophotometer LVS-B10

Technical Specification

Model No.	LVS-B10
Wavelength Range	325~1000 nm
Spectral Bandwidth	2 nm
Wavelength Accuracy	±1.0 nm
Wavelength Repeatability	0.2 nm
Photometric Accuracy	±0.5% T
Photometric Repeatability	0.2% T
Stray Light	≤0.05% T
Stability	0.001A @ 500nm
Wavelength Setting	Automatic
Photometric Display Range	-0.3~3A
Detector	Import Silicon Photodiode Detector
Light Source	Import Tungsten Lamp
Power Requirement	AC 220V/50Hz or 110V/60Hz
Power	120W
Dimensions(W*D*H)	460×330×210mm
Weight	11Kg

Vis Spectrophotometer LVS-C10

Labtron produces LVS-C10 with single-chip microcomputer control with LCD Screen (128*64 Dots) having auto wavelength and auto zero adjustment function.

Features

- Imported Silicon Photodiode detector and Tungsten Lamp as light source
- Vast memory space can hoard numerous sets of data and curve.
- Auto wavelength setting
- T,A,C,E Photometric mode
- Standard curve measurement function with ten standard sample.
- With general purpose parallel printer port and USB interface.
- Can achieve more accurate and flexible measurement requirements



Application

Organic chemistry, Inorganic chemistry, Life sciences, food, Medicine and health, Agriculture, Geology, Metallurgy and Environment etc.

Vis Spectrophotometer LVS-C10

Technical Specification

Model No.	LVS-C10
Wavelength Range	320~1100nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	0.2nm
Band Width	4nm
Photometric Accuracy	±0.5% T
Photometric Repeatability	0.2% T
Photometric Display Range	-0.3~3A
Stray Light	≤0.05% T
Stability	0.001A/30min @ 500nm
Display mode	128*64 Dots LCD
Detector	Import Silicon Photodiode Detector
Light Source	Import Tungsten Lamp
Power Requirement	AC 220V/50Hz or 110V/60Hz
Power	120W
Dimensions(W*D*H)	480×350×220 mm
Weight	11Kg

Vis Spectrophotometer LVS-C11

We fabricated LVS-C11 with highly automated system having single chip microcomputer control and LCD display having auto wavelength and auto zero adjustment function.

Features

- Imported Silicon Photodiode detector and Tungsten Lamp as light source
- Incorporated with auto-wavelength adjustment function
- Vast memory space can hoard numerous sets of data and curve
- T,A,C,E Photometric mode
- Standard curve measurement function with ten standard sample
- With general purpose parallel printer port and USB interface
- Can achieve more accurate and flexible measurement requirements



Application

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