

**VISIBLE SPECTROPHOTOMETER
LD-LVS-C1 SERIES**



Visible spectrophotometer LD-LVS-C1 series comes with large memory space which can store multiple sets of data & curves. With wavelength range of 320 ~ 1100 nm, standard curve for quantitative measurement can be established in simple method. It has with monolithic, microprocessor controlled LCD display of 128 – 64 dot. Quantitative measurement of standard curve is established through direct input of K & B factor. It is useful in scientific research and industries for detection of impurities and other elements.

Features:

- Wavelength range of 320 ~ 1100 nm Large LCD display with 128 – 64 dot
- Standard curve measurement function with ten standard sample
- With general purpose parallel printer port and USB interface
- Large sample cell (~5 mm to 100 mm)
- Color filter automatic switching
- Auto wavelength setting
- T,A,C,E Photometric mode
- Can achieve more accurate and flexible measurement requirements

Applications:

It is useful in scientific research and industries for quantitative and qualitative analysis, detection of impurities and functional groups determination.

Specifications:

Model No.	LD-LVS-C10	LD-LVS-C11
Wavelength Range	320 ~ 1100 nm	
Spectral Bandwidth	4 nm	2 nm
Wavelength Accuracy	± 0.5 nm	
Wavelength Repeatability	≤ 0.2 nm	
Photometric Range	(-0.3) ~ 3 A	
Photometric Accuracy	± 0.3 % τ	
Photometric Repeatability	0.15 % τ	
Detector	Import Silicon Photodiode Detector	
Light Source	Import Tungsten Lamp	
Stray Light	≤ 0.05 % τ	
Stability	0.001 A / h 30 min at 500 nm	

Power Requirement	AC 220 V / 50 Hz, 110 V / 60 Hz
Dimensions	480 × 350 × 220 mm
Weight	11 kg
Power	120 W
Optical System	Display resolution 128 × 64 Dots LCD