

Lasany®

LI-295

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Advanced Single Beam Microprocessor
UV-VIS Spectrophotometer
LI-295 With Scanning Software
(Original / premium with Japanese Technology)

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FEATURES

- Large LCD screen(128*64) Dots.
- Can display and save 50 groups of data, 5 groups per screen.
- Data can be restored after a sudden power cut.
- Auto setting Wavelength
- Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
- Automatic WL Calibration and dark current getting with Scanning



UV-VIS Spectrophotometer Single Beam LI-295 models are designed for reliable continuous operation. It is easy to use, throughly reliable and above all low cost.

(TECHNICAL SPECIFICATIONS)

Optical System	: Single-Beam, Grating 1200 lines/mm
Wavelength Range	: 190-1000nm
Bandwidth	: 2nm
Wavelength Accuracy	: ±1nm
Wavelength Repeatability	: 0.5nm
Wavelength Setting	: Auto
Photometric Accuracy	: ±0.5% T
Photometric Repeatability	: 0.3% T
Photometric Range	: -0.3-3A, 0-200%T
Stray Light	: ≤0.3%T
Stability	: ± 0.002A/h @500nm
Display	: 128 * 64 Dots LCD
Detector	: Silicon Photodiode
Standard Cell Holder	: 4-position 10mm cell changer
Light Source	: Tungsten & Deuterium lamp
Output	: USB Port & Parallel Port(Printer)
Power Requirements	: AC 85 ~ 250V
Dimension	: 420 x 280 x 180mm
Weight	: 12Kg

STANDARD CONFIGURATION

- Main Set : 1 No.
- USB Cable : 1 No.
- Accessory kit, including a 4 glass cell (1 cm) : 1 No.
- 2 Quartz Cell(1 cm) : 1 No.
- Operating Manual Software Manual : 1 No.
- Dust Cover : 1 No.
- Software CD : 1 No.
- Software Key : 1 No.
- Power Cable : 1 No.

APPLICATIONS

- Medicine/Pharmaceutical Industry
- Environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water and Waste Water Labs
- Food and Beverage Labs

* Design & specification are subject to change without any prior notice.

* **OEM option available**

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The UV VIS LI-295 Series provide excellent application functions without sacrificing accuracy and precision. It is an ideal instrument for various application

FIRMWARE FUNCTIONS

T Mode: Continuously measure the Transmittance of Sample



A Mode: Continuously measure the Absorbance of Sample



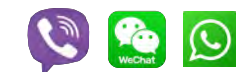
C Mode: Standard Curve method, can use at most 9 standard samples to create a new standard curve, and to measure the unknown samples by the new one



F Mode: Coefficient Method, Input the known K and C to measure the unknown concentration samples.



Lasany International



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