Microprocessor

Single Beam

UV-VIS Spectrophotometer

(Advance Model With Scanning)

ISO 9001 2008 CERTIFIED

Microprocessor

Single Beam

UV-VIS Spectrophotometer

LT-291 (Advance Model With Scanning)

Large LCD Screen

Big Sample Room

Applications

UV-visible spectrophotometer, an analytical instrument commonly used in physico-chemical laboratories to make quantitative and qualitative analysis of specimen materials in the ultraviolet, visible spectral range finds much scope for its service in such fields as medicine, clinical examination, biochemistry, petro-chemical industry, Bio technology, Environmental protection and quality control. The technique has enjoyed a molecular biology and the need to quantify DNA and proteins. Here, the simplicity of use, the non-destructive nature of the sampling and the cost effectiveness of the measurement has proved very beneficial in the modern laboratory.

Salient Features

- Large LCD Screen (128x64 Dots)
- Data can be restored after a sudden power cut
- Automatic wavelength setting
- Tungsten lamp & deuterium lamp can be turned on/off individually
- Automatic Wavelength calibration and dark current getting
- Covers 200 to 1000nm
- 4 Position Cuvette Holder
- USB & Parallet Port for Printing

LABTRONICS

AN ISO 9001:2008 Certified Company

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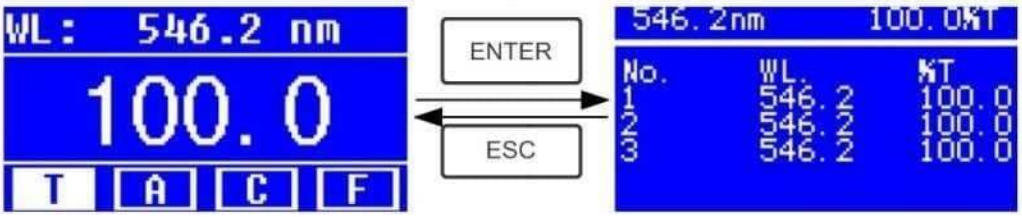
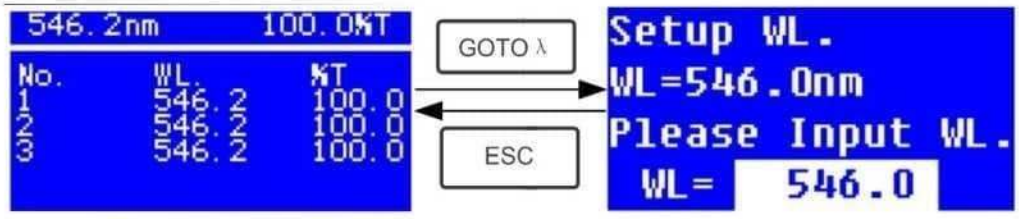
Specifications

Optical System	: Single Beam, Grating 1200 lines/mm
Wavelength Range	: 190-1100nm
Spectral bandwidth	: 2nm
Wavelength Accuracy	: ± 0.5nm
Wavelength Repeatability	: ± 0.1nm
Wavelength Setting	: Automatic
Photometric Accuracy	: ± 0.1%T
Photometric Repeatability	: ± 0.3%T
Photometric Range	: -0.3 to 3.0A, 0 to 200% T
Stray Light	: ≤ 0.3%T
Stability	: ± 0.001 A/h @500nm
Display	: 128x64 Dots LCD
Detector	: Silicon Photodiode
Standard Cell Holder	: 4-position 10mm cell changer
Light Source	: Tungsten & Deuterium lamp
Output	: USB port & Parallet Port
Power	: AC220V/50Hz
Weight	: 12kg

Continuously measure transmittance of samples



Automatic Wavelength Setting



Date can be easily printed