Spectro 24RS

Spectro 24RS is a visible spectrophotometer enables quantitative and qualitative analysis of samples within the visible spectrum. It can be widely used in pharmaceutical manufacturing, health, clinical tests, biochemistry, petrochemical industry, environmental protection and quality control fields. It is one of the common instruments in physical and chemical labs. It is an analytical instruments with a built-in interface RS-232C. The interface enables this spectrophotometer to communicate with any IBM compatible computer and printer. The superior machinery of Spectro 24RS analyzes, stores, records, and prints test results swiftly and consistently. This spectrophotometer can work in the Visible Range.

Spectro 24RS can use a multiple cell holder to test cells from 10-100mm (optional)

This spectrophotometer provides enhanced ease-of-use, precision and accuracy resulting in time and cost savings. This new generation instrument is equipped with a microprocessor to automatically adjust 100 % T and Zero ABS, Factor and Concentration. This economical four cell visible spectrophotometer is ideal for small laboratories, biochemical labs, clinical labs, and educational institutions. This spectrophotometer uses a soft key pad, and it has a continuous wavelength ranging from 320 nm to 1100 nm. Spectro 24RS is able to analyze and record four sample results immediately.

Spectro 24RS is rugged, reliable, low cost, and maintenance free. This instrument simplifies analysis and increases measurement capabilities for routine applications in various fields such as chemistry, biochemistry, agricultural, petrochemistry, environmental protection, science classes, educational laboratories and general analytical industry. This Spectro can use 13x100mm test tubes.

Labomed, Inc. is certified by ISO 9001-2013, has CE Conformity and is FDA Licensed.

Features

- *A very durable instrument.*
- *Can use Test tube and Large cell 20-30-40-50mm.*
- *Wide, continuous wavelength ranges for test flexibility.*
- *Automatic absorption, transmission and concentration by microprocessor.*
- *High photometric and wavelength accuracy for the best results by having a 5 nm bandwidth.*
- *Low stray radiant energy and noise for unequivocal readings, even at high absorbencies.*
- *Excellent stability characteristics for reliable test results.*
- *Carefully designed. Easy operation and maintenance.*
- *Labomed, Inc. is F.D.A. Licensed.*
- *Very competitive price.*
- *At Labomed, we believe greatly in the accuracy of our spectrophotometers. We are so sure of the quality that we can include 2 testing filters (optional) for testing calibration.*
- *Small printer is available for date printout as an option; does not require a computer hookup or software.*
- *Computer System is optional (NOT INCLUDED).*
- *Can use a multiple cell holder to test cells from 10-100mm (optional)*
- *There is a switch on the bottom of the Spectro to choose 110V or 220V before starting.*

Accessories

4 square glass cells 10mm.
1 multiple 4 cell holder for 4 cells
1 power cable

1 operation manual CD
1 dust cover
2 Fuses (2A)

1 software CD
1 RS32 connection cable

Optional: Large Cell holder
Optional: Large Cell holder 20-3040-50mm.
Optional: Test tube 13x100mm.

Technical Specifications

Optical System:	Single Beam	Transmittance MPE:	±0.5% (T)
Wavelength Range:	320-1100nm	Absorption Range:	0-1999 (A)
Operation and Display:	LCD	Absorbance Measuring Range:	-0.300A - 3.000A
Light Source:	Tungsten Halogen Lamp	Concentration Range:	0-2000
Detector:	Silicon Photodiode	Photometric Accuracy:	+0.5% (T) +0.004A
Wavelength Accuracy :	2nm	Transmittance Reproducibility:	0-100%T. 0.5% (T)
Wavelength Reproducibility:	1nm	Transmittance Repeatability:	≤0.2% (T)
Photometric Range:	0-100%T, 0-1.999A	Monochromator:	1200 Lines/Grating Mirror
Spectral Band Pass:	4nm	Power Supply:	220V. 50Hz/110V 60Hz (110V or 220V.)
Stray Light:	≤0.5%T. at 360nm.	Dimensions:	560mm (L) x 480mm (W) 490mm. (H)
Transmittance Range:	0-200% (T)	Net Weight :	14.5 Kg. (32 lbs.)