



# Spectro 2000 RS & 2000RSP



Spectro 2000 RS & 2000 RSP are superior instruments for laboratories and is an advanced and affordable system that generates accurate and reproducible measurements. This spectrophotometer is ideal for chemical laboratories, bio chemical laboratories, analytical and medical laboratories, environmental protection, and agricultural industry. Spectro 2000 RS is accurate, dependable, and an exceptional value. Further, it has excellent baseline stability, high resolution and continuous wavelength ranging from 330 nm to 1100 nm. Spectro 2000RSP has the same specifications plus a built-in printer.

Spectros 2000 RS & 2000 RSP are equipped with the RS-232C interface and port which link the spectrophotometer and the PC with the included UV-VIS software. With the RS-232C the instrument can be linked to a computer and a printer to display the photometric and spectral data on the PC monitor.

Spectro 2000 RS and 2000RSP are automatic instrument which utilizes a microprocessor with most advanced technology. Absorption, transmission, concentration, and wavelength are automatic and computerized. This instrument's superior technology allows this spectrophotometer to examine samples with excellent resolution. These Spectros are rugged, reliable, affordable, and maintenance free.

Spectro 2000 RS's advantage is its **4 cell holder automatic movement by microprocessor and use of the soft key pad**. Spectro 2000RS & RSP can also use large cell holder as optional. This spectrophotometer is excellent for water and water waste testing. Spectro 2000 RS & 2000 RSP are both reliable and user-friendly.

Labomed, Inc. is certified by ISO-9001-2000, has CE Conformity and is FDA Licensed.

## Features

- Automatic self adjustment
- Auto select wavelength.
- Auto Zero ABS and 100%T.
- Auto A/T/C and Factor.
- Auto Escape and backup.
- Interface RS232C port.
- Built-in printer (2000 RSP).
- Switch for 110V 60Hz and 220V 50Hz.
- F.D.A. Licensed.
- High photometric accuracy.
- Reliable stability for reliable testing.
- Wide continuous wavelength range for test flexibility.
- Easy to change Tungsten Halogen lamp.
- Competitive Price.

## Accessories

- 4 square glass cells 10mm
- 1 mounted multiple 4 cell holder
- Dust cover
- Cable
- Computer is *optional* (Not Included)
- Instruction book
- Optional: Large cell holder
- Large Cell 20-30-40 and 50mm

## Technical Specifications

Optical System:	Single Beam	Transmittance Range:	0-125% (T)
Wavelength Range:	330-1100nm	Absorption Range:	0-1999% (A)
Light Source:	Tungsten-Halogen Lamp	Concentration Range:	0-2000
Detector:	Silicon Photodiode	Photometric Accuracy:	+50% (T) +0.004 A.
Wavelength Distance:	1nm	Monochromator Grating Mirror:	1200 lines/mm
Wavelength Accuracy:	+ 1 nm	Readout:	LCD 2 line
Wavelength Reproducibility:	0.5 nm	Power Supply Switching:	110V/60 Hz. and 220V/50Hz.
Spectral Band Pass:	6 nm	Dimensions:	16" x 14" x 8" (Inches).
Transmittance Reproducibility:	0.3% (T)	Net Weight:	20 lb. (9 kg.)