



# Spectro 20D Plus RS-232



**Spectro 20D Plus RS-232C** is a traditional analytical device used in small and educational laboratories. This spectrophotometer delivers enhanced ease-of-use, precision and accuracy resulting in time and cost savings, as well as unprecedented confidence in test results. Spectro 20D Plus RS-232C has spectral bandwidth of 6.0 nm. **This instrument has a single cell holder for test tubes and two adapters for 10 x 10 mm cells.** Spectro 20D Plus RS-232C is **lightweight and compact** with a continuous wavelength from 320 to 1000nm. Equipped with a microprocessor, this instrument is ideal for small laboratories and educational institutions. Spectro 20D Plus RS-232C offers ease of use and reliability which can be used in various applications. Spectro 20D Plus RS-232C can be used extensively for qualitative and quantitative analysis.

Spectro 20D Plus RS-232C is a **versatile digital spectrophotometer** with a built-in RS-232C port permits the instrument to be linked to a computer and a printer to display the photometric and spectral data on the PC monitor. This interface provides easy communication between the spectrophotometer and the Window based PC.

Spectro 20D Plus RS-232C utilizes **soft keys for user-friendliness**; with buttons to access settings such as absorption, transmission, concentration and factor, adjusting 0A and 100%T. Spectro 20D Plus RS-232C is able to send data to the computer or print directly from the Spectro to an external printer.

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

## Features

- Microprocessor controlled.
- Large Digital LCD Display.
- Auto transmission, absorption, concentration and factor.
- Silicon Photodiode detector.
- It can use square or round cells.
- Interface RS-232 to link to a computer.
- Wide continuous wavelength range.
- Built in stray light filter.
- 1200 lines/mm grating mirror.
- Computer System is optional (NOT INCLUDED).
- Can use 13mm test tube.

## Accessories

- 2 adapters for 10x10 mm square cells.
- 2 optical glass cells 10x10 mm.
- Dust cover.
- Instruction Manual.
- 1 Zero absorption cell.
- 1 Power Cable.

## Technical Specifications

• Display:	LCD	• Absorption Range:	0-2A.
• Wavelength Range:	320-1000nm	• Concentration Range:	0-2000
• Light Source:	Tungsten Halogen Lamp	• Transmittance Range:	0-150% (T)
• Detector:	Silicon Photodiode	• Photometric Accuracy:	1% T
• Wavelength Accuracy :	1nm	• Monochromator:	1200 Lines/Grating Mirror
• Wavelength Reliability:	1nm	• Dimensions:	12" (W) x 10" (D) x 8" (H)
• Spectral Bandwidth:	6nm	• Net Weight :	5.2 kg.