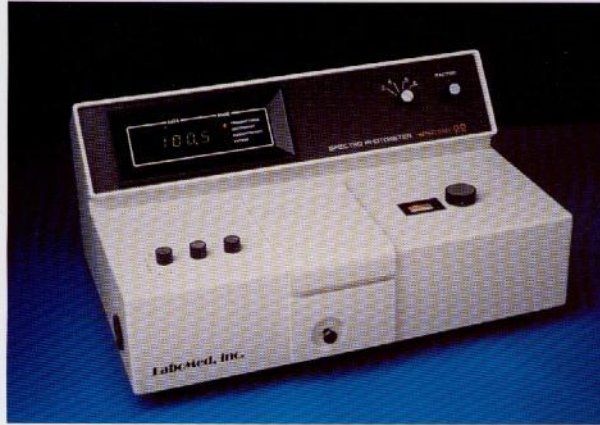


# SPECTRO 22

Digital Spectrophotometer



**S**pectro 22 spectrophotometer is one of the versatile Analytical Instruments used in Conventional Laboratories, which can work in the Visible, Near-Ultraviolet, and Near Infrared Spectral Range, for quantitative and qualitative analysis.

It is best suited for various fields such as **Chemistry Analyzing, Biochemistry, Laboratories Examination,** Agricultural Research, Petrochemistry, Environmental Protection, Quality Control, Universities, Science Teaching Labs, and Industry.

## FEATURES & ACCESSORIES

### FEATURES

- A very durable instrument.
- Wide, continuous wavelength ranges for test flexibility.
- Calculates concentration automatically.
- High photometric and wavelength accuracy for the best results.
- Low stray radiant energy and noise for unequivocal readings, even at high absorbencies.
- Excellent stability characteristics for reliable test results.
- Carefully designed for easy operation and maintenance.
- High absolute reading accuracy, outstanding stability and reproducibility with distinct digital display.

- Can be applied for Constant Temperature for Kinetic Test with an optional thermostatted cuvette holder for 3 cells.
- Very competitive price.
- F.D.A. Licensed.

### ACCESSORIES

- |                    |                                       |
|--------------------|---------------------------------------|
| 4 Square Cells     | 2 Filters with Holder for Calibration |
| 1 Instruction Book | 1 Multiple Cell Holder for 4 Cells    |
| 1 Dust Cover       | 1 Cable                               |

## TECHNICAL SPECIFICATIONS

Optical System:	Single beam, Spectrophotometer
Wavelength Range:	320 - 1020nm
Light Source:	Tungsten-Halogen Lamp
Detector:	Silicon Photodiode
Wavelength Accuracy:	$\pm 2$ nm
Wavelength Reproducibility:	0.5nm
Spectral Bandpass:	6nm
Stray Light:	$<0.5\%$ T, at 360nm
Transmittance Range:	0 - 100% (T)

Multi Cell Holder:	4 Cuvettes
Absorption Range:	0-1.999 (A)
Concentration Range:	0-2000
Photometric Accuracy:	$\pm 0.5\%$ (T) $\pm 0.004$ A
Transmittance Reproducibility:	0.5% (T)
Monochromator:	grating mirror 1200 lines/mm
Power Supply:	220V 50Hz/110V 60Hz
Dimensions:	22"(W) x 14"(D) x 11 1/2"(H) inches
Net Weight:	16 kg



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