



Cole-Parmer High Performance Visible Spectrum Spectrophotometer 5 nm bandwidth Spectrophotometer, 115 VAC

Narrow bandwidth with 4-cell convenience

Obtain accurate results for routine spectrophotometric analysis with these high-quality instruments for cost-conscious labs. Economical single-beam spectrophotometers are perfect for quantitative analysis using a wide variety of quality control protocols.

The 5 nm bandwidth of these filter-based instruments produces precise response to transmittance changes for visible spectrum methods. Filters auto-adjust to assure accuracy. Save time and improve efficiency with four-position cuvette holders (optional on Model 83055-30).

Use RS-232 port for optional interfaces - directly to a printer or to a computer utilizing optional application software. Software facilitates standard curve creation and absorbance vs. time graphs.

Long pathlength visible spectrum spectrophotometer (Models 83057-00, -05) have a low profile with a large LED display. Standard four-cuvette holder saves time and organizes standard and sample manipulation. Optional four-position long-path holder accommodates cuvettes up to 100-mm path length. Can be adapted to single-test tube operation. Can utilize optional externally-driven sipper or Peltier temperature control.

What's included: 7-ft cord and dust cover. Model 83055-30 includes twelve 10 mm test tubes and a cuvette adapter. 220 V operation requires optional power cable 83055-25. Models 83057-00, -01 include four-position 10 mm cuvette holder and four glass cuvettes.

Specifications

Wavelength range	325 to 1000 nm
Wavelength accuracy	±2 nm
Photometric range	-0.1 to 2.5 Absorb, 0 to 1999 conc.
Bandwidth	5 nm
Stray light	<0.5% T at 340 and 400 nm
Display	2 line LED
Sample compartments	Stand four-position
Output	RS-232
VAC/Hz	115 VAC
Dimensions	18-1/2" W x 5-1/2" H x 15-3/4" D
Pathlength	10 mm, expandable to 100 mm