

1200 SERIES

Visible Spectrophotometer



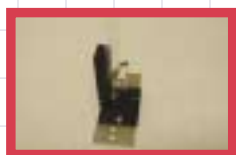
**The Reliable
& Expandable**
SPECTRO

UNICO®



SPECIFICATIONS	
Bandwidth	5nm
Optical System	Single beam, grating system - 1200 lines/mm
Wavelength Range	325nm - 1000nm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	± 1nm
Photometric Range	0-125 %T, 0-2.0A, 0-1999C (0-1999F)
Photometric Accuracy	± 1%T
Stray Light	≤ 0.5%T at 340nm & 400nm
Data Output	RS-232C
Light Source	Tungsten Halogen Lamp
Power Requirements	115V/230V switchable
Dimensions	408mm x 308mm x 180mm
Weight	6.5Kg

UNICO has added a new reliable model to their economic line. The model 1200 allows for Absorbance, Transmittance and Concentration modes, also for Automatic zeroing and Blanking with a single button. The model 1200 features optional Window® based software for easy data collection for Microsoft Excel®. A tool-free and alignment-free lamp change, large sample compartment packaged with a variety of optional accessories, makes the easy-to-use UNICO model 1200 ideal for any standard spectrophotometer application, while staying within a conservative budget.



Universal test tube holder with base for 8mm to 25mm tube.
(P/N 1200-101)



10 mm single cuvette holder with base.
(P/N 1200-102)



4-position 10mm cuvette holder
(P/N 1200-103)



Longpath cell holder for up to 50mm longcell
(P/N 1200-104)



Water jacketed cell holder with base (not shown) and panel
(P/N 1200-105)

Ordering Information

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|-----------------|--|-----------------|--|
| 1200 | UNICO model 1200 Spectrophotometer - 5nm bandpass. Complete with 10mm single square cuvette holder, universal test tube holder, 10mm test tube (box of 12), a pair of optical glass cuvettes, RS-232C port, dust cover, and operator's manual. Voltage preset at 110V. | 1200-101 | Universal test tube holder with base for 8 to 25mm diameter test tubes including COD. |
| 1200-E | Same as model 1200 but voltage preset at 220V. | 1200-102 | Single cell holder with base for 10mm square cuvettes. |
| 1200-401 | UNICO application software for PC Windows® 95 or 98 required. Programs include Standard Curve, Abs/%T/Conc., Abs vs Time. Includes 1200-226 serial cable. | 1200-103 | 4-position cell holder for 10mm square cuvettes. |
| 1100-101 | Experimental/operators manual for UNICO 1100 and 1200 Series. Experiments include Beer-Lambert, Absorption spectrum, Ksp of PbI ₂ , Chlorophyll, Protein (Biuret test), and more. Includes teacher's guides, illustration, and answers to questions (160- pages). | 1200-104 | Longpath 4-position cell holder for up to 50mm rectangular cuvettes. |
| | | 1200-105 | Water jacketed 10mm single cell holder with base and panel for temperature control applications. (requires water bath) |
| | | 1200-505 | Replacement lamp. |



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