

1100 SERIES

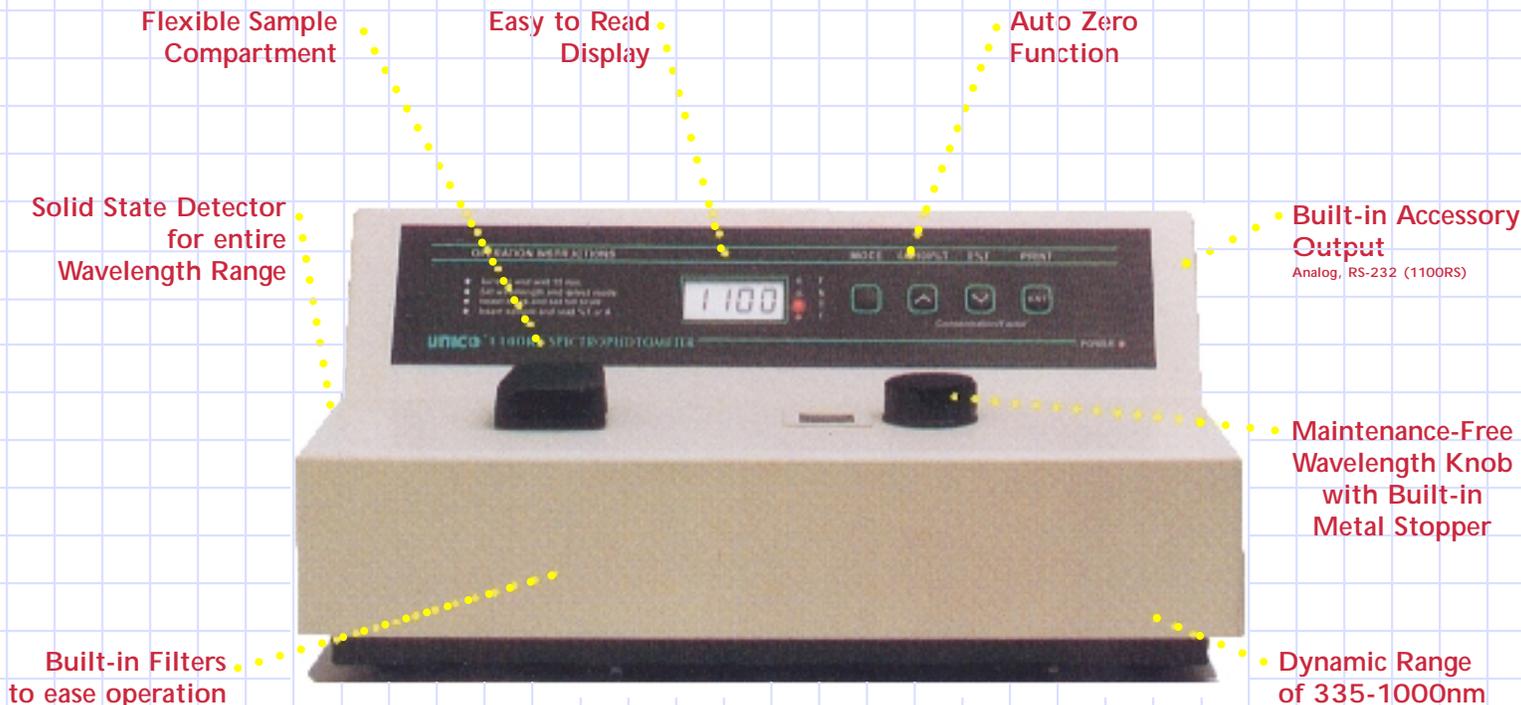
Visible Spectrophotometers



The Reliable
& Simple

SPECTRO

UNICO  TM



Ordering Information

- 1100** Unico Model 1100 Spectrophotometer-20nm Bandpass. Complete with 10mm Test Tube Cuvettes (Box of 12), 10mm Cuvette Adapter, Dust Cover, Operator's Manual. Wavelength Range of 335-1000nm.
- 1100RS** Unico Model 1100RS Spectrophotometer-10nm Bandpass. Complete with 10mm Test Tube Cuvettes (Box of 12), 10mm Cuvette Adapter, RS232C Serial Port, Dust Cover, Operator's Manual. Wavelength Range of 335-1000nm.
- 1100-401** Unico Application Software for PC's. Windows® '95 or '98 Required. Programs include Standard Curve, Abs. %T/Conc., and Abs vs Time. Includes 1100-226 Serial Cable.
- 1100-101** Experimental/Operator's Manual for Unico 1100 Series. Experiments include Beer-Lambert, Absorption Spectrum, K_{sp} of PbI_2 , Chlorophyll, Protein (biuret test), and more. Includes teacher's guides, illustrations, and answers to questions (bounded, 160 page book).

Accessory Options - For Your Convenience

-  Square Cuvette Adapter included
-  Test Tube Holders for as large as 1 inch dia. Test Tubes
-  COD Vial Holder
-  Windows® 9X Compatible Software (1100RS)
-  Glassware & NIST Traceable Standards available

MODE	1100	1100RS
Spectral Slitwidth	20nm	10nm
Optical System	Single Beam, Grating System 1200 lines/mm	
Wavelength Range	335-1000nm (Vis)	
Wavelength Accuracy	± 2nm	
Repeatability	± 1nm	
Stray Light	ε 0-5%T at 340 & 400nm	
Photometric Range	0-125%T, 0-2A	0-125%T, 0-2A, 0-1999C (0-1999F)
Photometer Accuracy	± 2.0%T	± 1%T
Light Source	Tungsten Halogen Lamp	
Data Output	Analog Output	Analog Output, RS232C
Dimensions	408mm (16.1")W x 308mm (12.1") D x 185mm (7.1") H	
Weight	6kg	
Power Requirements	115/230 volt. ± 10%, 60/50Hz Adjustable	



United Products Instruments, Inc.

www.unicoupi.com
E-mail: upii@worldnet.att.net
Tel: 732-274-1155  **Fax:** 732-274-1151

1100 SERIES

182 Ridge Road
 Dayton, NJ 08810