

Accessories for Models S1200 and S1205

S1205 Features and Specifications:

- Self-Calibration Feature: Instrument can perform an automated system check and calibration covering: Bulb, filter positioning, and wavelength check
- Utility Folder: From the List, the user can select Recalibrate System, Check Dark Current for diagnostic purposes, re-set time, and more
- Programmability:
 1. Can pre-pre-program up to 200 test methods, and store 500 results
 2. Program Test and Workflow Management: Can create list(s) from the "RUN TEST LIST Menu", of favorite tests, or most commonly used tests, or for a specific sequence of tests you plan to run, etc.
- USB port for data transfer and software upgrades (upgrades are no charge).
- Memorize the settings of last test, wavelength, settings, filter, etc.
- With the S-1205 Windows based software, has a scanning feature of the full wavelength range. User can define the scanning range, starting and ending wavelength, or do a full visible wavelength range scan from 325-1000 nm

Universal Test Tube Holder (Cat. No. S1200-101)



S1200-101 with cell

Universal test tube holder with base for 8 to 25mm diameter test tubes including COD.

Single Cell Holder (Cat. No. S1200-102)

Single cell holder with base for 10mm square cuvetts.



S1200-102

Four-Position Cell Holder (Cat. No. S1200-103)

Four-position cell holder for 10mm square cuvetts.



S1200-103 with cells

Longpath Cell Holder (Cat. No. S1200-104)

Longpath four-position cell holder for up to 50mm rectangular cuvetts.



S1200-104

Water-jacketed Cell Holder (Cat. No. S1200-105)

Water-jacketed 10mm single cell holder with base and panel for temperature control applications (requires water bath).



S1200-105

Two-in-One Cell Holder (Cat. No. S1200-108)

Holds either a 100mm square or a 10mm round cuvet.



S1200-108

S1205	
Wavelength Range	325 - 1000 nm Visible Wavelength
Slit Width	5 nm
Optical System	Single Beam, Grating System 1200 lines/mm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	± 1nm
Wavelength Resolution (display)	1nm
Photometric Accuracy	±0.004 A at 0.5 A
Photometric Range	0% T to 125% T -0.3 to 2.5 A .9999 to 9999
Photometric Repeatability	±0.003 A at 0.5 A
Stray Light	Less than or equal to 0.3% T at 340 nm
Stability	±0.002 A/hr at 500 nm after 1 hr. warm-up
Baseline flatness	±0.010 A with software
Display	LCD (4 line x 20 characters)
Light Source	Tungsten Halogen Lamp
Control Buttons	9 buttons
Printer Port	RS-232
PC Communication Port	USB
Cuvet Capacity	Up to 50 mm pathlength (with longpath cell holder, optional)
Cell Holder	Single or 4 cell, manual
Abs / %T Mode	Display: Abs and % T
Quantitative Mode	Standard curve: 1st through zero, 1st, Factor
Memory Capability	Up to 200 standard curves
Utility	Dark current, system self calibration
Power Requirements	100-240 VAC, 100W
Instrument Dimensions	20"W x 17"D x 8"H 420mm x 340mm x 180mm
Instrument Weight	19 lbs (8.5 kg)
Warranty	One year