



Model WSP-6300

\$1585
Basic System

VISIBLE RANGE



Shown Smaller
Than Actual Size

- ✓ **320-950 nm Wavelength**
- ✓ **Dual Display - Wavelength and Photometric Result**

The Model WSP-6300 spectrophotometer sets new standards in performance, ease of use and reliability. Incorporating the newest technological advances, the WSP-6300 was designed to provide the user with a high quality, low cost measurement system for routine analysis.

Dual Display

A customized liquid crystal display gives simultaneous readout of wavelength and photometric results. Error messages, prompts, mode indication and a choice of concentration units are presented in an easily understood format.

Ease of Use

The simple keypad layout and operating protocols are designed to permit reliable operation, even by unfamiliar users. A wavelength calibration routine is performed at switch-on and a 0%T setting is

- ✓ **Fully G.L.P. Compliant**
- ✓ **Ideal for Routine Analysis**
- ✓ **Narrow Bandwidth – 10 nm**

performed automatically during all calibration routines.

Sample Compartment

Accommodates up to 100 mm cells.

Full Interfacing Capability

There is full RS-232 interfacing for connection, via industry standard connectors to printer or PC. Results can be downloaded by a single touch of the "print" key. The bi-directional interface also allows remote interrogation and control of the Model WSP-6300.

Fully G.L.P. Compliant

The Model WSP-6300 is supported by traceable calibration standards to provide the on going assurance of accuracy required by Good Laboratory Practice (G.L.P.). This product complies fully with EEC and US directives relating to ESD/EMC emission and susceptibility.

- ✓ **Versatile Sampling System**
- ✓ **Full Interfacing Capability**
- ✓ **Competitively Priced**

SPECIFICATIONS

Wavelength:

Range: 320 to 950 nm

Resolution: 1 nm

Accuracy: ± 2 nm

Bandwidth: 10 nm

Absorbance:

Range: -0.300 to 1.999 A

Resolution: 0.001 A

Factor: 0 to 999.9, 1000 to 9999

Photometric Noise Levels: <1%

Photometric Stability:

1%/hr after warm-up

Readout: Custom liquid crystal display

Outputs: analog (0-1999 mV);

RS-232 serial port

Light Source: Tungsten Halogen 20 W 12 V

Input Voltage:

115/230 Vac -20% + 10%

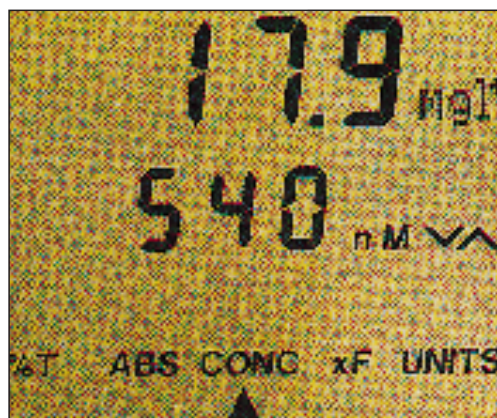
SPECTROPHOTOMETERS

For Water Analysis

Input Power: <50 W
Size: 365 W x 160 H x 272 mm D
 (14.4 x 6.3 x 10.7")
Weight: 6 kg (13.2 lb)
Transmittance:
Range: 0 to 199.9%
Resolution: 0.1%
Stray Light: <0.5%
Photometric Accuracy: ±1%
Concentration
Range: -300 to 1999 concentration
Resolution: 0.1/1
Units: ppm, mg/l¹, g/l¹, M, %, blank

| To Order (Specify Model Number) | | |
|---------------------------------|--------|--|
| Model No. | Price | Description |
| WSP-6300 | \$1585 | Spectrophotometer 110 volt 60 cycles |
| TTB-13 | 165 | Test tube block (13 mm (0.1") diameter) |
| TTB-16 | 165 | Test tube block (16 mm (0.63") diameter) |
| TTB-25 | 165 | Test tube block (25 mm (1") diameter) |
| WSPC-10 | 44 | Replacement glass cell 10 x 10 mm |
| WSPC-20 | 55 | 20 x 10 mm glass cell |
| WSPC-40 | 62 | 40 x 10 mm glass cell |
| WSPC-50 | 105 | 50 x 10 mm glass cell |
| WSPC-100 | 135 | 100 x 10 mm glass cell |
| WSP-DC | 24 | Dust cover |
| WSP-CV1 | 27 | Pack 100 (1 ml) semi-micro cuvettes |
| WSP-CV35 | 25 | Pack 100 (3.5 ml) cuvettes |

Ordering Example: WSP-6300, spectrophotometer, and WSP-DC, dust cover,
 \$1585 + 24 = \$1609



Dual Display for Spectrophotometer

VERSATILE SAMPLING SYSTEM

A large cell chamber allows use with cuvettes from 10 to 100 mm path length and test tubes from 10 to 25 mm diameter. Changing the sampling configuration is quick and simple.



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