

**UV VISIBLE SPECTROPHOTOMETERS**

These spectrophotometers are designed to analyze and determine the nature and quantitative for the matter in UV and visual spectrum. This series of spectrophotometers widely applies to a variety of industries.

**Applicable Industries:**

- Biochemistry
- Environmental Protection
- Petrochemical
- Water & Waste Management
- Factories
- Clinical Inspection
- Mining
- Medical



Micro Printer

**NEW**



Cuvettes

Type	Model No. SP721P	Model No. SP722P
Wavelength Range	340-1000nm	330-1000nm
Spectral Bandwidth	4nm	4nm
Wavelength Accuracy	±2nm	±2nm
Wavelength Reproducibility	1nm	1nm
Range	0-125%T, -0.301-1-1.999A/0-3A, 1-999C/09999C	0-125%T, -0.301-1-1.999A/0-3A, 1-999C/09999C
Transmittance Accuracy	<±0.8%T	<±0.5%T
Transmittance Reproducibility	0.5%T	0.5%T
Stray Light	<0.6%T	<0.5%T
Operation Mode	Manual Wavelength	Manual Wavelength
Display Mode	3½ LCD Display	3½ LCD Display
Printer	Yes-Micro-needle printer	Yes-Micro-needle printer
Test Test Cuvettes	4 glass cuvettes	4 glass cuvettes
Output Port	RS232	RS232
Power Supply	AC110 or 220v/50Hz or 60Hz	AC110 or 220v/50Hz or 60Hz
Dimensions	51cm x 37cm x 26cm	51cm x 37cm x 26cm
Weight	22.5lbs	22.5lbs

Item No.	Description
SP721P	UV Visible Spectrophotometer- Multi Chamber with microprinter/cuvettes (340-1000nm wavelength)
SP722P	UV Visible Spectrophotometer- Multi Chamber with microprinter/cuvettes (330-1000nm wavelength)

### SPECTROPHOTOMETERS

The spectrophotometers are designed for educational and general analysis at a reasonable price. These instruments have variable wavelengths for transmittance and absorbancy. The solid-state, silicon detector covers the entire wavelength range, eliminating the need to change detectors. Type IV Concave grating and Toyoidal mirror are used in this optical system.

**Ideal for various applications such as:**

- Biochemistry
- Environmental Protection
- Petrochemistry
- Clinical Chemistry
- Food and Beverage Labs
- Water & Waste Water Labs

**Standard Package Includes:**

- S21 & S22 Spectrophotometer
- Software Package
- RS-232 Serial Cable
- 4 Position Cuvette Holder
- Power Cable
- Spare Fuse (2A) and Lamp
- Instruction Manual



### S-21 Model

Wavelength Range (nm)	340-950
Wavelength Accuracy (nm)	Better than $\pm 2.5$ nm
Wavelength Reproducibility (nm)	Better than 2nm
Spectral Slit width (nm)	12nm
Photometric Readout	Lrg 3 LED display
Photometric Noise:	$\pm 0.5\%$
Photometric Accuracy	$\pm 1.0\%$ (cuvette)

Item No. S21.....

Glass/Square Test Tube Cuvettes

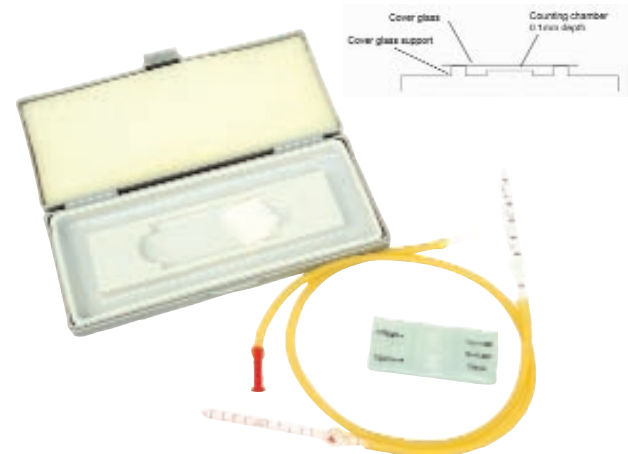
Item No. TCUV (2 per case).....

\* Shipping: 45 x 41 x 28cm-20lbs

### STUDENT STETHOSCOPE

This professional looking instrument can be used by students to detect heart and respirator sounds. Nickel-chromium plated metal parts, rubber "Y" tubing, and hard rubber ear tips. Individually boxed. Restrictions: can only be sold to customers in Canada.

Item No. B10418.....



### HEMOCYTOMETER

Used to count blood cells— consists of a thick glass microscope slide with a rectangular indentation that creates a chamber of certain dimensions. This chamber is made of shock resistant glass and is etched with a grid of perpendicular lines.

The device is carefully crafted so that the area bounded by the lines is known, and the depth of the chamber is also known. Therefore it is possible to count the number of cells in a specific volume of fluid, and thereby calculate the concentration of cells in the fluid overall.

**Includes:** 2 diluting pipets (RBC & WBC) 2.5ml syringe, and cover glasses

Item No. HEM01.....