

UNICO[®] Model 1000 Spectrophotometer



UNICO Model 1000 Spectrophotometer

Precisely designed and ruggedly built, this easy-to-use spectrophotometer is ideal for student use in high schools and colleges. It is suitable for general analysis and experiments such as Beer-Lambert, Absorption Spectrum, Chlorophyll, protein (biuret test) more.

The built-in secondary filters reduce stray light and increase precision. The student-proof positive safety stopper integrated with the wavelength dial prevents damage to the monochromator and grating. Large digital display makes reading much easier and analog interface allows customers to collect data easily with external analog device.

The spectrophotometer comes with ½ inch round tube holder, 10 mm square cuvette adapter, box of 12 round tubes, user's manual, and dust cover. It is set for 110 V, but is switchable to 220 V as well. It is fully packed and ready to use.

Specifications

- Wavelength Range: 400-1000 nm
- Spectral Slit Width: 20 nm
- Optical System: Single beam, grating 1200 line/mm
- Wavelength Accuracy: ± 3 nm
- Wavelength repeatability: ± 1 nm
- Stray Light: 2% at 400 nm
- Photometric Range: 0-100%T, 0-1.99Abs
- Photometric Accuracy: $\pm 2\%$
- Light Source: Tungsten Halogen Lamp 6V/20W
- Dimension: 16"(L) x 12"(W) x 8"(H)