

752-05

SPECTROPHOTOMETER, BASIC



Ringene 752-05 is an ultraviolet-visible (UV-Vis) spectrophotometer used to measure light absorbance across the ultraviolet and visible ranges of the electromagnetic spectrum. When incident light strikes matter it can either be absorbed, reflected, or transmitted. The absorbance of radiation in the UV-Vis range causes atomic excitation, which refers to the transition of molecules from a low-energy ground state to an excited state.

With a small footprint and no warm up time required, full spectrum scans take 3 seconds. It utilizes a combination of array technology and a long-lasting xenon lamp, leading to significantly reduced maintenance costs.

Technical parameters

Wavelength range	195-1020 nm
Wavelength accuracy	± 2 nm
Spectral bandwidth	5 nm
Wavelength repeatability	1 nm
Transmittance accuracy	0.5%
Stability	0.2%
Measurement range	0.2 ng -30.0 ug / uL
Cuvette platform	10 mm
Read speed	8 seconds
Weight	12 kg
Light source	UV, LED