

Model	Appearance	Measurement wavelength range (nm)	Bandwidth (nm)	Detector	Monochromator	Wavelength Accuracy	Features (functions)
UV-1280 Graphic LCD (Standalone or Optional PC Control)		190 to 1100	5	Silicon photo diode	Aberration-corrected concave blazed holographic grating	±1 nm	<p>Comprehensive Measurement Functions in a Compact Body Transfer Data vis USB Flash Drive to a PC UV-VIS Analyses Covered Using a Single Unit</p> <ul style="list-style-type: none"> An easy-to-see LCD and buttons enables simplified measurement and instrument validation operations. Equipped with a full range of programs for ultraviolet-visible spectroscopic analysis such as photometric measurement, DNA/protein quantitation, and advanced multi-component quantitation. Accommodates a variety of applications utilizing a wealth of accessories compatible with other instruments in the Shimadzu UV series. Save data directly from the unit to a USB flash drive. Data can be displayed using commercially available spreadsheet software. Combined monitor double-beam system for the D₂WI lamps enables highly stable analyses in a compact unit.
BioSpec-nano For Quantitation of Nucleic Acids and Proteins (PC Control)		220 to 800	3	Photo diode array			
UV-1900 Color Touch Screen LCD (Standalone or Optional PC Control)		190 to 1100	1	Silicon photo diode	Aberration correction Czerny-Turner mounting (uses high-performance blazed holographic grating)	±0.3 nm (For entire range) 0.1 nm (656.1 nm D2)	<p>Double-beam spectrophotometer offering high functionality, minimal space requirement, and affordable price</p> <ul style="list-style-type: none"> Measured spectra, quantitation values, and other data can be saved in USB memory, which can be installed in a computer, where it can be displayed or saved using dedicated LabSolutions UV-Vis software or commercial spreadsheet software. A hardware validation function is included standard, which enables inspecting 9 parameters, such as wavelength accuracy, wavelength reproducibility, and photometric accuracy. The compact and light weight design only requires 450 W x 490 D mm of space and weighs only 15 kg, which allows it to be lifted by one person. Supports IQ/OQ Access to functionality can be restricted by password or user levels
UV-2600 Single Monochromator (PC Control) UV-2700 Double Monochromator (PC Control)		185 to 900 (UV-2600 is capable of measuring a range from 220nm to 1400 nm, with an additional accessory)	0.1 0.2 0.5 1.0 2.0 5.0 2.0L 5.0L (8-level)	Side-on photomultiplier R928	UV-2600 Czerny-Turner mounting Single monochromator with low stray light (Lo-Ray-Ligh grade) diffraction grating UV-2700 Littrow mounting, Czerny-Turner mounting Double monochromator with low stray light (Lo-RayLigh grade) diffraction grating	±0.3nm (For entire range) ±0.1nm (656.1 nm D2)	<p>High precision spectrophotometer capable of measuring reflectance, transmittance, and so on, for a wide variety of samples - not only liquids, but also solid samples.</p> <p>UV-2600: Single-monochromator model with only 0.005% stray light and equipped standard with double beam optics to provide high cost performance UV-2700: Ultra-low stray light (0.00002 %) double-monochromator model with double low stray light diffraction gratings</p> <ul style="list-style-type: none"> Both spectrophotometer models offer high cost performance and can be used for a wide variety of analyses, including organic and inorganic compounds, biological samples such as DNA and enzymes, measuring optical material characteristics and so on. Though the exterior is compact - only 450 mm wide, 600 mm deep, and 230 mm tall, it offers a large sample compartment able to easily accommodate a wide range of sample shapes Attaching an optional integrating sphere extends the UV-2600 wavelength measurement range to include the near infrared region, from 220 nm to 1400 nm. The UV-2700 is able to measure high absorbance levels as high as 8 abs, which means it can measure highly concentrated samples or low transmittance levels in films or other samples with low transmittance characteristics. The UVProbe software runs in Windows 7 or Vista and offers extensive functionality to assist with measurements, such as multitasking and report functions.
UV-3600 Plus Double Monochromator (PC Control)		185 to 3300	UV-VIS range 0.1 to 8 (8-level switch-over)	Equivalent to R928 photoelectron multiplier (UV-VIS range) InGaAs photo diode Cooled PbS photoconductive element (Near infrared range)	Double-blazed grating, double monochromator Pre-monochromator: Concave diffraction grating	±0.2 nm (UV-VIS range)	<p>Double-monochromator spectrophotometer based on advanced technology, offering high sensitivity, high resolution, and ultra low stray light</p> <ul style="list-style-type: none"> Equipped with 3 types of detectors, it uses a photoelectron multiplier for the UV-VIS range and uses InGaAs and cooled PbS detectors for the near infrared range. Offers the world's lowest noise levels, with a maximum 0.00003 A noise at 1500 nm (RMS value for 2 nm slit width). High performance double monochromator provides high resolution (maximum 0.1nm resolution) and low stray light (maximum 0.00005 % at 340nm). Broad measurement range from 185 nm to 3300 nm enables measurements over a wide range, from ultraviolet and visible, to near infrared. A generous assortment of accessories enables accommodating a wide range of applications
SolidSpec-3700/ SolidSpec-3700 DUV Double Monochromator (PC Control)		SolidSpec-3700 DUV 175 to 2600 (165 to 3300 with optional parts)	Near infrared range 0.2 to 32 (10-level switch-over)	Equivalent to R928 photoelectron multiplier (R-955 for DUV model) (UV-VIS range) InGaAs photo diode Cooled PbS photoconductive element (Near infrared range)	Main monochromator: Aberration correcting Czerny-Turner mounting	±0.8 nm (Near infrared range)	