

Specifications (SolidSpec-3700 (UV-VIS-NIR spectrophotometer))

Wavelength range	SolidSpec-3700: 240-2600nm, 190-3300nm(when using Direct Detectiton Unit DDU) SolidSpec-3700DUV: 175-2600nm, 165-3300nm (when using Direct Detection Unit DDU-DUV) Spectral bandwidth
Spectral bandwidth	UV/VIS: 0.1-8nm (8 steps) NIR: 0.2-32nm (10 steps)
Resolution(*)	0.1nm
Wavelength accuracy(*)	UV/VIS: ± 0.2 nm, NIR: ± 0.8 nm
Wavelength repeatability(*)	UV/VIS: ± 0.08 nm, NIR: ± 0.32 nm
Stray light(*)	Less than 0.00008% (220nm), less than 0.00005% (340nm) Less than 0.0005% (1420nm), less than 0.005%(2365nm)
Noise	value at 0Abs and 1second response. When using Direct Detection Unit DDU/DDU-DUV, Under 0.00005Abs(500nm,SBW 2nm), Under 0.00008Abs(900nm, SBW 2nm), Under 0.00003Abs(1500nm,SBW 2nm) determined under condition of RMS value at 0Abs and 1 second response.
Photometric range	-6 to 6Abs
Photometric system	Double beam, direct ratio measuring system
Dimensions	1000W x 800D x 1200H mm, 170kg