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UV-VIS Spectrophotometer Shimadzu UV-1280

Order code: **0205.UV1280**



Information about product price on demand

Parameters

Quantitative unit

ks

Spectral bandwidth: 5 nm

Wavelength range: 190.0 to 1100.0 nm

Wavelength display: 0.1 nm increments

Wavelength setting: 0.1 nm increments (1 nm increments when setting scanning range)

Wavelength accuracy: ± 1.0 nm

Wavelength repeatability: ± 0.3 nm

Wavelength slew rate: Approx. 6,000 nm/min, Wavelength scanning speed: Approx. 9 nm/min to 1,600 nm/min

Light source switching:

Select from the following three:

- Automatic switching linked to the wavelength. The switching wavelength can be selected between 295 nm and 364 nm, in 1 nm increments. The recommended wavelength is 340 nm.
- Use the halogen (WI) lamp only, with no switching
- Use the deuterium (D2) lamp only, with no switching

Stray light: 0.05 % or less (220.0 nm NaI, 340.0 nm NaNO₂)

Photometric system: Monitor double beam optics

Photometric range:

- Absorbance: -0.3 to 3.0 Abs
- Transmittance: 0.0 % to 200 %

Recording range:

- Absorbance: -4.0 to 4.0 Abs
- Transmittance: -400 % to 400 %

Photometric accuracy:

- ± 0.005 Abs at 1.0 Abs
- ± 0.003 Abs at 0.5 Abs
- Using NIST 930D filter