



VISIBLE SPECTROPHOTOMETER BFP-601

VISIBLE SPECTROPHOTOMETER BFP-601

UV/VIS SPECTROPHOTOMETER



Single beam wavelength scanning in the whole wavelength range of 320-1100nm.

Five options for spectral bandwidth selection: 5nm, 4nm, 2nm, 1nm, and 0.5nm, made according to customer's need and satisfy the requirements of pharmacopoeia.

Standard manual 4-cell holder accommodates cells from 5-50mm and changeable to long path length cell holder of 100mm.

Optional accessories such as peristaltic pump automatic sampler, water constant temperature sample holder, peltier temperature control sample holder, single slot test tube sample holder, film sample holder.

Optimized optics and electronics design, light source and detector from the world famous manufacturer ensure high performance and reliability.

Rich measurement methods: wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination, double-wavelength method and triple-

SPECIFICATIONS

Model	BFP-601
Wavelength Range	320-1100nm
Spectral Bandwidth	2nm (5 nm, 4 nm, 1 nm, 0.5 nm optional)
Wavelength Accuracy	±0.5nm
Wavelength Reproducibility	≤0.2 nm
Monochromator	Single beam, plane grating of 1200 L/mm
Photometric Accuracy	±0.3%T (0-100%T)
Photometric Reproducibility	≤0.2%T
Photometric Range	-0.301-2A
Working Mode	T, A, C, E
Stray Light	≤0.1%T (NaI 220 nm, NaNO ₂ 360 nm)
Baseline Flatness	±0.003A
Stability	≤0.002A/h (at 500 nm, after warming up)
Light Source	Tungsten halogen lamp
Detector	Silicon photodiode
Display	7 inches colorful touch screen
Power	AC: 90-250V, 50V/60Hz
Dimensions	470 mm x 325 mm x 220 mm
Weight	8 kg
Alt Name	UV/VIS Spectrophotometer

FEATURES

Single beam wavelength scanning in the whole wavelength range of 320-1100nm.

Five options for spectral bandwidth selection: 5nm, 4nm, 2nm, 1nm, and 0.5nm, made according to customer's need and satisfy the requirements of pharmacopoeia.

Standard manual 4-cell holder accommodates cells from 5-50mm and changeable to long path length cell holder of 100mm.

Optional accessories such as peristaltic pump automatic sampler, water constant temperature sample holder, peltier temperature control sample holder, single slot test tube sample holder, film sample holder.

Optimized optics and electronics design, light source and detector from the world famous manufacturer ensure high performance and reliability.

Rich measurement methods: wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination, double-wavelength method and triple-wavelength method etc., meet different measurement requirements.

Data output can be obtained via a printer port.

Parameters and data can be saved in case of power failure for user's convenience.

PC controlled measurement can be achieved with a USB port for more accurate and flexible requirements.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com