

SPECTROPHOTOMETER V-1800 / UV-1800

BQSL



HIGH QUALITY TO FULFILL ALL YOUR NEEDS AT A MINIMUM COST!

V-1800 is a high-quality spectrophotometer which is most suitable for precise color and turbidity analysis for Sugar.

If you plan to use it for some additional analyses such as water, caffeine and preservatives, UV-1800 is used for wide range of applications.

V-1800/UV-1800 IS THE BEST CHOICE TO ALL BEVERAGE PLANTS.

Features

1. High Precision and is calibrated against the traceable standard color filter disks of JQA(Japan Quality Assurance Organization)
2. Large sample compartment accomodates 4 pieces of 100mm length cuvette cells.
3. Self diagnosis and automatic setting of wave length.
4. Data back up for sudden power off.
5. Easier lamp change and both Halogen lamp(W1) & deuterium lamp(D2) can be turned on/off individually to extend lifetime.
6. Flat surface for easier cleaning.
7. Large LCD screen (128x64bits) displays total 200 groups of data, 5 groups per screen. It can display standard curve and kinetics curve.
8. With he application software you can control the spectrophotpmeter with your computer through the built-in USB port.

Specifications / Spectrophotometer V-1800 / UV-1800

Wavelength Range V-1800	320-1100nm
UV-1800	190-1100nm
Spectral Bandwidth	2nm
Optical System	Single Beam, Grating 1200lines/mm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	0.3nm
Photometric Accuracy	±0.3%T
Photometric Repeatability	0.2%T
Photometric Range	-0.3-3A, 0-200%T
Stray Light	0.1%T@360nm
Stability	±0.002A/h@500nm
Display	Graphic LCD(128x640 dots)
Keyboard	22 Membrane keypad
Sample Compartment	Standard 100mm pathlength cuvette
Light Source	Halogen lamp (W1)
Light Source for UV-1800	Deuterium lamp (D2)
Output	USB port
Power Requirement	AC 110/220V 50Hz /60Hz
Dimensions (WxDxH)	470x370x180 mm
Weight V-1800	12 Kgs
UV-1800	14kgs

Specifications and outer appearance are subject to change without notice.

PDCA

Make your process simple!

Higher quality is expected!

For more information, please contact :

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