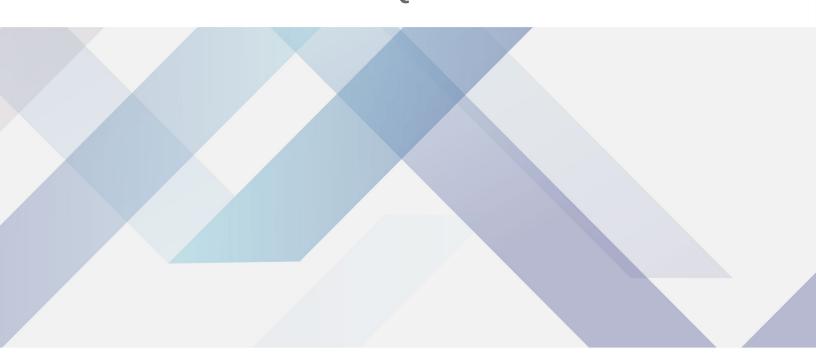






SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BEQ1K1





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VISIBLE SPECTROPHOTOMETER

Designed to conserve benchspace, our product offers the measurement range of 190-1100nm at bandwidth of 2nm. Engineered for a wide range of applications, our systems provide dependable performance and reliable results. It produces the photometric range of -0.3 to -0.3 to



Wavelength range: 320nm-1100nm

Optical System: High quality Czerny Turner Diffraction Gratingmonochromator ensures high resolution, high photometric accuracy and low stray light Bandwidth: 4nm

Detector: Silicon Photodiode

Measurement Range with ultra-low Stray Light: With its ultra-low stray light (£0.2 %T (220nm, 340nm)) is achieved on wavelength range of 320 - 1100 nm Sample size: A wide range of standard cuvettes can be used based on the sensitivity or sample volume requirements.

Sophisticated and simplified sample analysis software: The Sample analysis software delivers scanning, fixed wavelength analysis, quantitative analysis, data collection, storage, export, and reporting.

SPECIFICATIONS

Model	BEQ1K1
Wavelength Range	320-1100 nm
Wavelength Accuracy	±2 nm
Wavelength Repeatability	±1 nm
Spectral Bandwidth	4 nm
Photometric Range	-0.3 to 3 A
0-200 %T	-9999 to 9999 C
Photometric Accuracy	±0.5 %T (0-100%T)
Photometric Repeatability	±0.2 %T (0-100%T)
Stability	±0.002 A/hr at 500 nm, 0 A
Baseline Flatness	None
Stray Light	≤ 0.2%T (220 nm, NaI; 340 nm, NaNO2)
Photometric Mode	None
Optical System	Littrow, Grating 1200 line/mm
Monochromator	Littrow Diffraction Monochromator
Gross Dimension (W/D/H)	470x380x200 mm
Display	LCD
Weight (Net/Gross)	14 kg
Power Supply	240V 60Hz
Alt Name	Visible Spectrophotometer

ACCESSORIES FOR PURCHASE

No	Name	Optical length	Description
1	Quartz Cells - Melt together	1mm	
2	Quartz Cells - Melt together	2mm	
3	Quartz Cells - Melt together	5mm	
4	Quartz Cells - Melt together	10mm	
5	Quartz Cells - Melt together	20mm	
6	Quartz Cells - Melt together	30mm	
7	Quartz Cells - Melt together	40mm	

8	Quartz Cells - Melt together	50mm	
9	Quartz Cells - Melt together	100mm	
10	Glass Cell - Melt together	1mm	
11	Glass Cell - Melt together	2mm	
12	Glass Cell - Melt together	5mm	
13	Glass Cell - Melt together	10mm	
14	Glass Cell - Melt together	20mm	
15	Glass Cell - Melt together	30mm	
16	Glass Cell - Melt together	40mm	
17	Glass Cell - Melt together	50mm	
18	Glass Cell - Melt together	100mm	
19	Quartz fluorescence cell (With cover) - Melt together	10mm	
20	10mm Quartz Cells (with plug) - Melt together	10mm	
21	Micro cuvette - Melt together	10mm (1; 2; 4mm slit)	
22	Quartz Cells - Hydrogel type	1mm	
23	Quartz Cells - Hydrogel type	2mm	
24	Quartz Cells - Hydrogel type	5mm	
25	Quartz Cells - Hydrogel type	10mm	
26	Quartz Cells - Hydrogel type	20mm	
27	Quartz Cells - Hydrogel type	30mm	
28	Quartz Cells - Hydrogel type	40mm	
29	Quartz Cells - Hydrogel type	50mm	
30	Quartz Cells - Hydrogel type	100mm	
31	Glass Cell - Hydrogel type	1mm	
32	Glass Cell - Hydrogel type	2mm	
33	Glass Cell - Hydrogel type	5mm	
34	Glass Cell - Hydrogel type	10mm	
35	Glass Cell - Hydrogel type	20mm	
36	Glass Cell - Hydrogel type	30mm	
37	Glass Cell - Hydrogel type	40mm	
38	Glass Cell - Hydrogel type	50mm	
39	Glass Cell - Hydrogel type	100mm	
40	Quartz fluorescence cell (With cover) - Hydrogel type	10mm	
41	Micro cuvette - Hydrogel type	10mm (1; 2; 4mm slit)	
42	Black Micro cuvette (avoid light) - Hydrogel type	10mm (1; 2; 4mm slit)	
43	Tungsten Lamp		
44	Deuterium lamp		Heraeus 2.5V

FEATURES

Wavelength range: 320nm-1100nm

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Bandwidth: 4nm

Detector: Silicon Photodiode

Measurement Range with ultra-low Stray Light: With its ultra-low stray light (\leq 0.2 %T (220nm, 340nm)) is achieved on wavelength range of 320 - 1100 nm

Sample size: A wide range of standard cuvettes can be used based on the sensitivity or sample volume requirements.

Sophisticated and simplified sample analysis software: The Sample analysis software delivers scanning, fixed wavelength analysis, quantitative analysis, data collection, storage, export, and reporting.

With the additional feature of an easy access USB port available in the unit, which enables results to be stored directly to a USB memory stick for easy transfer of data.

APPLICATIONS

Most suitable for quantitative determination assays and toxicological assays in environmental, industrial, pharmaceutical fields.



Biolab Scientific Ltd.