

Spectrophotometer UV Digital LCD single beam 325-1000nm x2nm RS232 AC-314B2

With facility for % Transmission
Wavelength 325 to 1000 nm Resolution 2 nm
 Serial Interface RS - 232C Computer Interface
 Tungsten Halogen 6V 1 amp lamp 340 - 1000 nm
 Resolution 0.1 % T , 0.0001 Abs
 Output %T : 0 to 100% ABS : 0 to 1.999, Conc. : 0 to 1999
 Detector Silicon Photodiode
 Grating 600 lines/cm
 Path Length Special Bandwidth 10 nm
 Wavelength Resolution 5 nm on engraved disc
 Accuracy 2.5 nm Repeatability ±2 nm

Cat No	Item	Type	Range X LC
AC-314-B2	Spectrophotometer single display LCD Digital		
	Single beam 325-1000 x2nm Path 10mm x4 cuvette		



Spectrophotometer UV Digital LCD single beam 325-1000nm x1nm RS232 AC-314B1

With facility for % Transmission
Wavelength 325 to 1000 nm Resolution 1 nm
 Display 3½ digit LED display with round test tubes (D2) 195 - 400 nm
 Deuterium lamp RS - 232C Computer Interface
 Serial Interface lamp 340 - 1000 nm
 Tungsten Halogen
 Resolution 0.1 % T , 0.0001 Abs
 Output %T : 0 to 100% ABS : 0 to 1.999, Conc. : 0 to 1999
 Detector Silicon Photodiode
 Light Source 6V 1 Amp , Tungsten Halogen lamp
 Grating 600 lines/cm
 Path Length Special Bandwidth 10 nm
 Wavelength Resolution 5 nm on engraved disc
 Accuracy 2.5 nm Repeatability ±2 nm
 Accessories 1) Test Tube 10nos
 2) Dust Cover Operational Manual

Cat No	Item	Type	Range X LC
AC-315-B1	Spectrophotometer single display LCD Digital		
	Single beam 325-1000 x1nm Path 10mm x4 cuvette		



Spectrophotometer Microprocessor Single Beam VIS 325-1000nm x 3nm holographic grating 2 Glass cuvette RS232 out AC-315B3

- The Monochromatic holographic flashing grating is used. precision low stray light.
- A sample compartment for 0.5cm-10cm cells.
- Direct concentration read-out and concentration factor setting function Equipped with RS232 port

Technical Specifications

Wavelength Range	340 – 1000 nm
Transmittance Range	0 – 199.9
Absorbance Range A	0 – 1.999
Scope of concentration display	0 – 1999
Wavelength Accuracy (nm)	±3
Wavelength Repeatability (nm)	1.5
Transmittance Accuracy	±1%
Absorbance Repeatability	0.3%
Bandwidth	2nm
Stray Light	1.0%
Noise	0% 0.3
Noise	100% 1.0
Overall Dimensions	460 x 350 x 180
Weight	8 Kgs
Display	LCD Screen with backlight
Output for Printer	Standard RS232 serial port

Cat No	Item	Type	Range X LC
AC-315-B3	Spectrophotometer single display LCD Digital		
	Single beam 340-1000 x3nm Path 10mm x4 cuvette		



Optional spares

Cat No	Item	Type	Pcs
AC-315-QG2	Spectrophotometer Cuvette 10mm	Glass	2 Pc
AC-315-QG4	Spectrophotometer Cuvette 10mm	Glass	4 Pc
AC-315-Q	Spectrophotometer Cuvette 10mm	Quartz	2 Pc

