

**Spectrophotometer UV Digital LCD  
single beam 325-1000nm x2nm  
50mmx4 cuvette holder LCD AC-314B8**

Optical System	Single Beam 1200 lines/mm
Lamps 12V 30watts	Tungston Halogen Lamp
Wavelength Range	325-1000 nm x 2nm
Display	LCD Display
Application	Laboratory Use
Cell Holder	50mm 4 Cell cuvette
<b>Equipped with</b>	<b>USB porter RS232</b>
Size	420 X 280 X 180 mm
Data Output Port	USB
Detector	Silicon Photodiode
Dimensions	420 X 280 X 180 mm
Photometric Range	-0.3 to 3.0 Abs
Power Requirement	AC 220V/50Hz

**Standard configuration:**

- Main Instrument: 1 unit
- Operational Manual: 1 pc
- Glass Cell 10 mm: 4 pcs
- Power Cable: 1 pc
- Fuse (3A): 2 pcs
- Software CD: 1 no.
- Software Key: 1 no.
- USB Cable: 1 no.

Cat No	Item	Type	Range X LC
AC-315-B50	Spectrophotometer single display LCD	Digital	Single beam 340-1000x 2nm Path 50mm x4 cuvette



**Spectrophotometer Double Beam uP UV-VIS  
Range 190-1100nm x 1nm Holder 4 Quartz  
cuvette or 4 Glass cuvette RS232 out AC-315B**

Fully automatic operation Automatic wave length calibration  
Auto wave length scan, set of 4 quartz or glass cuvette  
Automatic peak picking and spectrum display.  
Large screen with graphical display  
Spectrum +data can be printed out by printer via RS 232

**With software included**

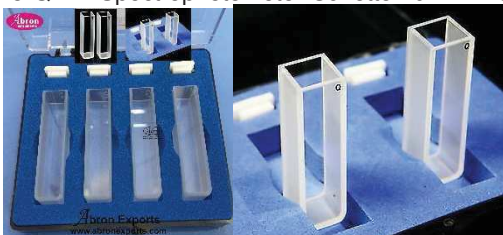
Wave Length Range	190 to 1100nm x 1nm
Working Mode	T.A.C.E
Optical System	Double Beam
Scanning Speed	Fast / Medium / Slow
Photometric Range	0.3 to 3.5 A, 0 to 220 %T
Wave Length Accuracy	± 0.3 nm
Wave Length	Reproducibility <0.10 nm
Photometric Accuracy	± 0.3% T (0-100% T) ± 0.002 A
Photometric	Reproducibility <0.15 % T
<b>Stray Light</b> < 0.1 % T	NaI 220nm, NaNO 340 nm)
Baseline Flatness	± 0.002 A
<b>Stability</b>	< 0.001 A/h (at 500 nm
<b>Cell Container</b>	<b>Automatic 8 Cell Changer</b>
Noise	± 0.001 A (at 500 nm
<b>Detector</b>	Dual Silicon High Light Blue LCD
<b>Power</b>	230 ± 10% AC, 50 Hz
<b>Dimensions</b>	630 x 470 x 210 mm
<b>Weight</b>	26 kg Approx

Cat No	Item	Type	Range X LC
AC-315-D19	Spectrophotometer Digital LCD	Digital	190-1100nm x 1nm Double Beam Microprocessor Printer out RS232 Quartz 10mm x 4 No



**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



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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

