



Micro Controller Based Spectrophotometer CL-330 & CL 310



CHEMILINE Spectrophotometer CL 330 & CL 310 is a micro controller based instrument with new standards in accuracy, reliability and time saving. Wide spectral coverage and high resolution is achieved by a power full light source and a grating based monochromator.

Wavelength is also set by digital display. The sample compartment provides a cuvette holder selectable from 10mm to 50 mm path length, as a slanted facility. The unit is housed in a slim and compact cabinet with an ergonomically designed



• SPECIFICATIONS

	CL 330	CL 310
WAVELENGTH		
Range	340 to 990 nm	340 to 990 nm
Accuracy	± 1 nm	± 1 nm
Read out	3 1/2 digit LED, 1 nm step	3 1/2 digit, 1 nm step
Bandwidth	5.0 nm	5.0 nm
PHOTOMETRIC		
Range	-0.3 to 2.500 Abs	0.0 to 2.000 Abs
Accuracy	+ 0.005 Abs at 1.0 A	+ 0.005 Abs at 1.0 A
Resolution	0.1 % T, 0.001 Abs	0.1 % T, 0.001 Abs
Read out	3 1/2 digit LED	3 1/2 digit LED
Grating	600 lines /mm	600 lines /mm
Source	Tungsten Halogen Lamp 12 V, 50 w	Tungsten Halogen Lamp 12 V, 50 w
Detector	Silicon Photo diode	Silicon Photo diode
Measuring Mode	1) % transmittance 2) Absorbance 3) Concentration 4) K Factor	1) % transmittance 2) Absorbance 3) Concentration 4) K Factor
K factor Range	0.0 to 9999	0 to 1999
Concentration range	0 to 9999	0 to DOUBLE ABS. (MAX 1999)
Power	230 V, 50 Hz	230 V, 50 Hz
Accessories	two 10 mm path length cuvettes and manual	Two 10 mm path length cuvettes and manual

Labline Technologies Pvt. Ltd.