



MICROPROCESSOR VIS SPECTROPHOTOMETER

Model- Acm- 33514



Microprocessor VIS Spectrophotometer

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Digital Spectrophotometers is an economical, reliable, rugged and most accurate system for spectrophotometric analysis of any concentration. It operates at a wavelength range of 340 to 960 nm. Its outputs is available on 3 1/2 digital LED display in terms of optical density. Percentage transmission and concentration. Separate digital display is provided for wave length. Highly advanced solid state I.C Technology has made its circuit very stable and accurate. Desired wavelength can be selected by adjusting the knob at the top panel.

PRODUCT OVERVIEW

Range 340-960 nm with facility for automatic concentration, % Transmission and absorbance measurements. 3 1/2 digit data display, separate 3 digit LED display for wavelength in nm with 1nm wavelength resolution.

SILENT FEATURES

- Range: 340 to 960 nm
- Direct Concentration Facility
- Latest Solid State IC Technology
- Digital Display
- Highly Stable and Accurate

TECHNICAL SPECIFICATIONS

Model	Acm-33514-A	Acm-33514-B
Range	340 to 960 nm	340 to 960 nm
Resolution	0.1%T, 0.001 Abs	0.1%T, 0.001 Abs
Output	%T: 0 to 100% Abs: 0 to 1.999 Conc: 0 to 1999	%T: 0 to 100% Abs: 0 to 1.999 Conc: 0 to 1999
Detector	Silicon Photodiode	Silicon Photodiode
Light Source	6V, 1Amp, Tungsten Halogen lamp	6V, 1Amp, Tungsten Halogen lamp
Monochromater	600 lines / mm grating	600 lines / mm grating
Path length	10 mm	10 mm & 50 mm
Spectral Band Width	10 nm	10 nm
Wavelength Resolution	1 nm	1 nm
Wavelength Accuracy	1 nm	1 nm
Repeatability	+/- 1 nm	+/- 1 nm
Display	Double 3 ½ LED	Double 3 ½ LED
Operating Temp Range	5 to 45°C	5 to 45°C
Power	230V +/- 10% AC	230V +/- 10% AC
Dimensions	490 x 300 x 165 mm	490 x 300 x 165 mm
Weight	8.5 Kg (Approx)	8.5 Kg (Approx)
Accessories	Square Cuvettes 2 No. Dust Cover Operation Manual	Square Cuvettes 2 No. Dust Cover Operation Manual



An ISO 9001 : 2208 | ISO 14001 : 2008 | ISO 13485
WHO: GMP Products | GLP Compliant Products

www.acmasindia.com | www.acmasglobal.com | www.cleanroom-equipments.com

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