

Excol Digital Colorimeter



SALIENT FEATURES:

Excol Digital Colorimeter designed and developed uniquely with special features:

1. User-friendly instrument for professional users.
2. Based on microprocessor controlled digital colorimeter with 8 digital filters.
3. Instrument is compact and simple to use with one ml volume.
4. Display in percentage transmission (%T), absorbance (O.D) and two concentration scales (C1 & C2) for final reporting values of samples / analytes.
5. Suitable for end point chemistries and absorbance measurement.
6. Inbuilt memory retains last *K* factor for concentration even after power off.
7. Long life LED light source.
8. Electronic Filters specially made with lens system.
9. Unique Facility of 410 nm for Glycosylated Hemoglobin estimation.

SPECIFICATIONS :

Weight	:	1300 gms
Dimension	:	260x200x85 mm
Power	:	230V AC single phase with ground
Current	:	15 ma @ 220V AC (typical)
Regulation	:	190V to 250V AC.
Test Tubes	:	75 x 12 mm with 10 mm path length and 1 ml min. vol.
Display	:	LED 14 mm 4 digits.
Range	:	Percentage Transmission : %T 0 to 250 Optical Density : OD -0.31 to 2.00 Concentration 1 : C1 000 to 999 Concentration 2 : C2 00.0 to 99.9
Filters/Source	:	Hermetically sealed LED cluster with peak emission wavelengths Of 410, 470, 490, 520, 540, 580, 610 and 640 nm
Detector	:	Silicon, hermetically sealed.
Accuracy	:	$\pm 1\%$ T with test tubes
Repeatability	:	better than $\pm 0.5\%$ T

Specifications subject to change due to continual development



Plot No.89, Road No.8, ALEAP - IE, Opp. Kukatpally JNTU, Near Pragathi Nagar, Hyderabad - 500 072. (A.P.) INDIA. Ph : 91-40-23052305, Fax : 23058585
Visit Us at : www.exceldiag.com Email : edpl@rediffmail.com