

# DIGITAL COLORIMETER

## Introduction & Description

The digital colorimeter is designed to make the analysis simple. The cumbersome step of calculations is deleted. The final result of un-known test will be displayed directly in concentration.

There is no need of any calculations. However all the reading like O.D, S.T.D Conc, Sample Conc, Sample Num will be displayed on the screen. A micro controller has been incorporated in the system for accuracy precision and reproducibility of findings.

Best quality glass filters are included in the equipment to cover complete visible range of wavelength from 400 nm to 700 nm. The wavelength can be set by rotation of the filter wheel. The system works on 1ml reagent. The system has AUTO ZERO facility and memory with RS232 interface.



## Technical Specifications

Optical System	:	Glass Filters (8 Nos.)
Wave Length	:	400-700 nm
Peek Wave Length	:	400, 490, 520, 540, 590, 620, 650, 700 nm (on wheel)
Auto Zero Facility	:	In all Filters (i.e.400-700 nm)
Display	:	LCD Alpha Numeric (16x1)
Detector	:	Highly sensitive Photodiode
Reagent Volume	:	Minimum 1ml
Key Pad	:	3x2 Feather Switch Key Board
Light Source	:	6V, 6W, Tungsten Lamp
Tests	:	Glucose, Urea, Cholesterol, Total Protein, Albumin Uric Acid, Uric Acid Urine, Hemoglobin, Chloride, BUN, TRI Glycerides, Calcium, Potassium, Bilirubin[Bili1], Bilirubin[Bili 2], Creatinine, Creatine Urine, Photocol CALIBRATION/MEASUREMENT/PHOTOCOL
Operating Modes	:	DIRECT READING IN CONC./O.D
Readings	:	
Memory	:	1000 Tests
RS 232	:	Interface in built
Dimensions	:	260x230x150
Weight	:	3 kg
Input Voltage	:	AC Mains: 230V, 50 Hz, 1 ohm
Battery	:	12V

## Standard Accessories

Lamp	:	6v/6w	:	2 Nos.
Fuse	:	350 mA	:	2 Nos.
Test Tube	:	Round	:	10 Nos.
Dust Cover	:	Plastic	:	1 Nos.
Instruction Manual	:	Book Type	:	1 Nos.
Battery Lead	:		:	1 Pair

**Note: Available in LED Mode also with auto zero facility  
Specifications may vary or upgraded as per requirement**

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# BLOOD MIXER



An ISO 9001:2008 Certified Company

- A simple device for gentle, shock less homogenous mixing and warming of blood for perfect results of RBC, WBC and Platelet counting.
- With Roller size: 4 nos. X 340 mm long
- RPM: 30 RPM
- Mixing Time: 15-20 min.
- Weight: 2.4 Kgs.
- Capacity: Vaccutainers 12 Nos. (4 ml) or 5 ml X 24 bulb.
- CE Certified



# NEEDLE DESTROYER

- Two slot easy operation for destroying Needle & Syringe.
- Needle burns electrically and syringe cuts manually.
- Cuts the syringe within seconds.
- Low power consumption
- Can destroyer disposable syringe & needle 18G to 28G
- Collection receptacle to collect the waste
- Power coating housing
- Provision of On/Off switch with pilot lamp
- Shock proof-Main circuit breaker is provided
- Portable, compact, handy
- CE Certified



*Note: Specifications may vary or upgraded as per requirement*



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