

Haemoglobinometer (Sahli's)

Laby™

Haemoglobinometer (Sahli's)

Model: HB-10

Laby offer the Haemoglobinometer square tube type

The kit consists of following standard setup:

- **Comparator Holder:** -1 No.
It is black in colour. The back of the holder is fitted with milky colour screen made of acrylic. In front of the holder there are three windows. The two side windows are fitted with colour standard strips and middle window is meant for the square tube for colour comparison. The size of all the three windows are Height 3 cms. (Minimum) Width 0.5 cms. (Minimum)
- **Square H.B. Tube:** -2 Nos.
 - Square H.B. Tube is graduated on both the side for
 - the measurement of haemoglobin in respect of
 - percentage and gram.
- **H.B. Pipette** -1 No.
 - 20 microlitre H.B. Pipette with latex tube and mouth piece.
- **Amber coloured glass bottle** -1 No.
- **Glass Stirrer** -1 No.
- **Dropper with teat** -1 No.
- **Cleaning Brush** -1 No.
- **Spare latex tubing one meter** -1 No.
- All the above are fitted in thermoform tray. Further packed in plastic box.
- **Note:**
 - H. B. Tube is graduated and is calibrated with 2 colour standards fitted to color comparator.
 - The inner dimensions of Glass Tube vary from tube to tube where as our tubes is made of Polycarbonate and moulded thru DIE. Hence in all the lot, the inner dimensions of tube is same.
 - So, if HB tube made of Glass is Broken, the whole H B meter is spoiled where as our H. B. Tube is unbreakable and is made of Polycarbonate with long life.
 - Further 2 nos are supplied with each H B meter.



Model: HB-10



Special Features

- Compact
- Elegant design
- Highly accurate
- Guaranteed Quality
- Easy to handle during test

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Model: HB-20

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- Microprocessor based Digital Haemoglobinometer
 - Working on Cyanmeth haemoglobin principals.
 - It is having 5 operational keys on board.
 - It measures direct reading of Haemoglobin after feeding the set value of standard once.
 - It is light in weight and body is made of ABS plastic moulding.
- | | |
|-------------------|--------------------------|
| ● Measuring Range | 0-30g/dl |
| ● Display | 3 digit 7 segment LED |
| ● Key Pad | Soft touch Membrane type |
| ● Zero setting | Automatic |
| ● Sample Volume | 1.0ml |
| ● Calibration | Automatic with standard |

Supply is completed with dust cover, instruction manual, cord and plug to work on 220 volts 50 Hz A.C.. The main H.B. meter is packed in thermocol box.

Model: HB-30

All the specifications are same as above but in addition having built-in battery backup of 8 hours. The battery life is about one and half year.

Special Features

- Simple and user's friendly operation.
- Light weight
- Injection moulded body
- Very accurate
- Single Test costs less than Rs. 1/-
- Open system, i.e. Drabkin's solution of any company can be used.

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Model: Photic-10



Model: Photic-10

Our Model Photic-10 is the finest Photoelectric Colorimeter that combine convenience in operation with high precision & accuracy in analysis. The result in the form of optical density transmission are available on the display.

Eight imported optical glass filters covering complete visible range of 400-700nm are mounted on a rotating disc. Its all imported filters makes it highly accurate as per international standards. Highly sensitive photo sensor and use of latest IC technology makes the instrument highly rugged, and economical in maintenance. A minimum sample volume of 1ml is required to carry out the analysis. Provision has been made to switch on the lamp source only when required, thereby increasing the life of the photodiode.

Technical Specifications

▶ Model	Photic-10
▶ Filters	8 (All High Quality Optical Glass Filters)
▶ Filters Range	400, 480, 510, 520, 540, 580, 620, 700(nm)
▶ Min. Volume	1 ml.
▶ Display	2½ digit LED
▶ Range	400-700nm
▶ Output	OD : 0 to 1.99
▶ Resolution	OD : 0.01
▶ Accuracy	0.5%FS± 1Digit
▶ Detector	Hermetically Sealed Imported Photodiode
▶ Light Source	Imported white LED
▶ Power	230V±10% AC, 50Hz
▶ Dimensions	L-33 cm. x W-30 cm. x H-16.5cm.(approx.)
▶ Weight	1.5 Kg. Approx.
▶ Accessories	(i) Test Tube- 5 (ii) Test Tube Stand (iii) Dust Cover-1 (iv) Spare Light Source-2 (v) Instruction Manual-1

Packed in Thermocol Box, further packed in coloured Corrugated Box

Model: Photic-20

All the specifications are same as above but in addition having built-in battery backup of 8 hours. The battery life is about one and half year.

Special Features

- Plastic Injection moulded Body
- Glass Filters - High Quality Imported
- Hermetically sealed, Imported Photodiode
- Light Weight
- Attractive & Elegant design

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Blood Bag Tube Sealer

Laby™



Model : BBS-10

Construction

- ▶ Portable
- ▶ Body made of CRC sheet duly furnished with powder coating.
- ▶ The front of tube Sealer is made of Stainless Steel covering and stainless steel Splash Guard.
- ▶ The body is fitted with 4 rubber feet.
- ▶ It is also fitted with a Flap of carry the Machine.

Specifications

- ▶ Microprocessor based control system.
- ▶ Very stable and reliable working.
- ▶ Working Voltage Range: 220Volts + 10%, 50 HzA.C.

Technical Parameter

- ▶ Sensor: Automatic Senses Blood Bag Tube.
- ▶ LED Update: Ready to Seal, sealing in process, sealing completed through LED indication lights.
- ▶ Splash Guard: Splash Guard for technician Safety (So Blood don't splash on technician)
- ▶ Seal Time: 1.3 Sec. to 1.5 Sec.
- ▶ Frequency: RF Fr. 40.68

Weight and Dimension

- ▶ Weight – 5kg. Approx.
- ▶ Dimensions (L×W×H) – 350×190×170 mm

Laby Instruments Industry

ISO : 9001, ISO : 13485, WHO-GMP, CE

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ELECTRICALLY OPERATED NEEDLE & SYRINGE DESTROYER

(RATED POWER 100W)

Laby™



Model: ND-100

Approximate Size and Weight

L : 175mm±5mm

W : 105mm±5mm

H : 118mm±5mm

Weight (Min) : Approx 2kg

Technical Specification

- Housing Enclosure:** Compact, Portable, Light Weight.
 - It is moulded type made of ABS Plastic and is Shock Proof.
 - Suitable sliding tray made of ABS lined with SS material of thickness 0.8mm (minimum) on the side walls as well as the bottom of the tray is provided for collection of residue and destroyed tips syringe.
 - Suitable provision to burn the needle and to cut the syringe tips are provided in the unit.
 - It complies in general to the requirements of IS:302 (Part-1) 1979 to ensure safe and reliable operation in normal use.
- Manual Cutter:** Fitted with High Carbon Cutter to cut Syringe Hub.
- Capacity:** The unit is having adequate capacity to destroy all kinds and following sizes of injection needles. Dia ranging from 24G upto 18G.
- Power Switches:** Power on/off switch is provided along with power on indicator. The unit is provided with fuse of adequate rating. The item quoted is also provided with power cord of 1.5 meter length and an earthing point.
- Power Requirements:** Power 230V+10% 50HZ AC supply requirements. The following are the power requirements.
 - In Stand-by mode maximum upto 3 watt.
 - During destruction of thickest needle of 18G maximum power requirement/power consumption is maximum 5 amp at 230VAC.
 - The 5 pieces of injection needle of 18G upto full length as available in market can be destroyed in continuous operation.

Special Features

- A) Destruction Rate: 3 - 7 Sec./Needle depending on size of Needle.
B) Power Cord: 1½m length with an earthing point provided.

Mfd. By:

Laby Instruments Industry

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An ISO : 9001, ISO : 13485 GMP 

NEEDLE SYRINGE DESTROYER

Laby™

Electrical Needle & Syringe Destroyer



Model: ND-360

Technical Specification

Portable Needle Syringe Destroyer:

Portable Electrical Needle Syringe Destroyer to destroy the used injection needles in Hospitals/ Nursing Homes/ Clinical Labs. Equipment should destroy the needles by instant electro-melting process and syringe tips by manual outer and must be suitable for operation on 230 V +/-10%, 50 HZ +/- 3% A.C. supply and of power rating 100 Watts minimum.

Principle of Operation

Electro melting type

Housing Enclosure :

It is molded type, shock proof and made of ABS plastic/Glass filled nylon. Suitable tray made of the same material, as that of the enclosure, housing shall be provided with provision of aluminum material of thickness 0.8mm (Min) inside on the side walls as well as the bottom of unit for collection of residue and destroyed syringes tips. Suitable provision to burn the needle & to cut the syringe tips is provided in the unit. It shall comply in general to the requirements of IS 302 (Part I)/1979 to ensure safe & reliable operation in normal use.

Manual Cutter :

It is having hardened blade of stainless steel Material to cut the syringe tips.

Capacity :

The unit is having adequate capacity to destroy all kinds and following sizes of injection needles. Dia Ranging from 0.4 mm to 1.6 mm Length 12.5 mm to 80 mm.

Power Switches

Power on/off switch is provided along with power on indicator. The unit is provided with fuse of adequate rating. The item quoted is also provided with power cord of 1½ meters length and an earthing point.

Power requirements

Power 230 V + 10% 50 HZ AC supply requirements. The following are the power requirements :

1. In stand-by mode maximum upto 3 watt
2. During destruction of thickest needle of 1.6mm dia maximum power requirement/power consumption is maximum 5 amp A1 230 V + 10%, 50 Hz AC.
3. The 5 pieces of injection needle of 1.6mm dia upto full length of 80mm can be destroyed in continuous operation. Destruction time of injection needle of 1.6mm dia and upto full length of 80mm is Maximum 1 minute.

Approximate Size and Weight

L	W	H	Weight (Min)
17.5 Cm	12.5 Cm	12.5 Cm	2.5 Kg

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