



KLABS KMPMBP-300 Microprocessor Melting & Boiling Point Apparatus



Product Description

HD CAMERA & 7"LED

KLABS KMPMBP-300 Microprocessor Melting & Boiling Point Apparatus is designed for accurate determination of melting and boiling points. The instrument features an HD camera, 7-inch TFT display, graphical LCD interface, software-based operation, USB connectivity and sample result storage for advanced laboratory analysis.

Features

- Fitted with HD Camera
- 7 Inch TFT LED Display
- Highly Accurate & Stable
- PC Connectivity Available
- USB Data Transfer
- Sample Result Storage Facility
- Software Controlled Operation
- Inbuilt Stirrer

Application/Uses

- Melting Point Determination
- Boiling Point Testing
- Pharmaceutical Laboratories
- Chemical Laboratories
- Research & Development Laboratories
- Academic Institutions
- Quality Control Laboratories



TFT
DISPLAY



SOFTWARE
CONTROL SYS.



ACCURATE
& STABLE



INBUILT
STIRRER



USB
CONNECTIVITY

Technical Specifications

Parameter	Details
Product Name	Microprocessor Melting & Boiling Point Apparatus
Model Number	KMPMBP-300
Display	128 × 64 Graphical LCD & 7" LED HD Display
Temperature Range	Ambient Temperature to 300°C
Temperature Resolution	0.1°C
Calibration	Using Software
Amount of Sample	Fine powder properly dried at temperature considerably below its melting point, 4 to 6 mm high
Oil Bath	Silicon oil bath beaker, 200 ml capacity with Teflon cover fitted with oil immersion heater and three holes for capillaries, one for boiling point
Power Supply	230V ±10%, AC 50Hz
Storage Capacity	1000 Sample Results with date, time, sample number and batch number
Data Output	Through USB Port
Sample Display	Facility to display stored sample results
Batch Entry	Facility to enter batch number while storing sample results
Stirrer	ON/OFF using key
Stirrer Speed	Controllable using stirrer keys
Stirrer Indication	Stirrer icon appears on screen when stirrer is ON
Heating Modes	Slow Mode, Normal Mode and Rapid Mode
Sample Type	Selection for known and unknown melting point samples
Camera	HD Camera for viewing capillaries
Display Screen	7" TFT LED Display
Dimensions	355 × 340 × 285 mm (Approx.)
Weight	6 kg

Standard Accessories

- Capillaries – 1 Box
- Silicon Oil Glass Beaker
- Main Lead
- USB Cable
- Software
- 7 Inch TFT LED Display
- Filter Assembly
- Instruction Manual