



Portable Melting Point Apparatus MPA3P



MPA3P Portable Melting Point Apparatus

SALIENT FEATURES

- ✦ Process 3 samples at same time
- ✦ Touch Screen Display
- ✦ Number of Capillary - 3
- ✦ RS232C Interface
- ✦ Heating rate (0.1-10) °C/min can be set arbitrarily
- ✦ PID Temperature Control
- ✦ Optical lens Magnification for clear, real time observation of the melting process

Melting Point Apparatus of a substance is determined by heating a sample under precise and reproducible conditions. The sample is placed in a capillary tube. The phase change is observed visually.



E - Catalogue

HSN Code : 90278090

SPECIFICATIONS

MODEL	MPA3P
Make	LABMAN
Temperature Range	RT+7 ~ -320°C
Resolution	0.1°C
Heating Rate	0.1°C-10°C/min.
Temperature control	PID
Accuracy & Repeatability	±0.4°C(<200°C), ±0.7°C (>200°C) & ±0.5°C
Liner Heating Rate Error	±10%
Display	Touch Screen
Data Interface	RS232C Interface
Capillary tube	Outer dia ϕ 1.6mm, Inner dia: ϕ 1.2mm
Power	100W
Power Supply	AC220V/50-60Hz
Machine Dimension	160 × 220 × 155mm
Dimensions (LxWxH)	250 × 250 × 150mm
Net / Gross Weight	1.4 kg / 2kg

★ Specifications are subject to change without notice - Labman

STANDARD ACCESSORIES: Main Instrument, Capillary Tubes, Power Cord with Adaptor, Instruction Manual, Test Certificate



LABMAN Product Range 2026

Bench-Top Freeze Dryer	Microvolume Spectrophotometer	High Speed Automatic Polarimeter	PMT Spectrophotometer
Floor Freeze Dryer	Rotary Evaporator	Manual Lab Polarimeter	Low Viscosity Adaptor
Food Freeze Dryer	Vacuum Solvent Recovery System	Manual ABBE Refractometer	Viscometer with Thermosel System
Pilot Freeze Dryer	Diaphragm Vacuum Pump	Automatic Digital Refractometer	Digital Rotational Viscometer
Mini Freeze Dryer	Double Stage Rotary Vane Vacuum Pump	Portable Refractometer	Krebs Viscometer
Atomic Absorption Spectrophotometer	Circulating Water Vacuum Pump	ABBE Refractometer	Visual Colorimeter
Graphite Furnace	Paddle Blender Homogenizer	Probe Sonicator	pH Meters with Printer / Touch Screen
Auto sampler for Graphite Furnace	Hand Held Homogenizer	Hotplate Magnetic Stirrer	Benchtop pH/mV/°C/ Ion Meter
Auto sampler for GC	Tissue Grinder Homogenizer	Graphite Hotplate	Conductivity Meter - Touch Screen
Gas Chromatography	HPLC	Oil Bath Magnetic Stirrer	Dissolved Oxygen Meter
Laboratory Water Purification System	Hybridization Oven	Overhead Stirrer	Water Hardness Meter
Laboratory Glassware Dryer	UV Crosslinker	Ceramic Hotplate Magnetic Stirrer	Ion Selective Electrodes
Electromagnetic Sieve Shaker	Automatic Potential Titrator	Multiposition Magnetic Stirrer	Turbidity Meter
CO ₂ Incubator	Karl Fischer Titrator	Waterbath Magnetic Stirrer	Portable Turbidity Meter
Stackable / CO ₂ Incubator Shaker	Elisa Microplate Reader	Tube Roller Mixer	Portable pH Meter
Benchtop Orbital Shaking Incubator	Gradient PCR Thermal Cycler	Ultrasonic Cleaner	Portable Conductivity Meter
Orbital Shaker	Multi Tube Vortex Mixer	Industrial Ultrasonic Cleaner	Portable Dissolved Oxygen Meter
Microplate Shaker	Vortex Mixer	Digital Water Bath	Online pH Controller
Automatic Fraction Collector	Dry Bath Nitrogen Evaporator	Refrigerated Circulating Bath	Online Conductivity Controller
Blue Light Transilluminator	Dry Bath Incubator	Recirculating Water Chiller	pH Electrode, ORP Electrode
Dispensing Peristaltic Pump	Infrared Sterilizer	Automatic Elisa Plate Washer	Air Generator
Automatic Density Meter with CFR	Glass Bead Sterilizer	Ice Flaker, Ice Maker & Crusher	Hydrogen Generator
Portable Melting Point Apparatus	Total Organic Carbon Analyzer (TOC)	Double Beam Spectrophotometer	Microwave Digestion System
Melting Point Apparatus with CFR	COD Analyzer with Digester	Single Beam Spectrophotometer	Nitrogen Generator
Nucleic Acid Extractor	BOD Analyzer	Visible Spectrophotometer	Hydrogen Air Generator (2 in 1)