



# Melting Point Apparatus LZ-MPA-B110

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## Overview

Melting Point Apparatus LZ-MPA-B110 is a fully automatic melting point apparatus with desktop design and delivers reliable performance. The temperature control range is from Room Temperature to 400°C and offers automatic detection method. It show case features like TFT Touch Screen LCD Display, temperature control technology that realize

the high precision temperature control, and high-definition video camera technology with convenient and clear observation of the whole process of sample melting. Used for measurement of the melting point of medicines, dyes and organic, chemical and other crystalline substances to determine purity. It measures four samples at the same time and calculate average value of initial and final melting points automatically

## Specifications :

|                        |                                   |
|------------------------|-----------------------------------|
| Temperature Range      | Room Temperature-400 °C           |
| Detection Method       | Automatic                         |
| Capacity               | 4pcs/ batch                       |
| Temperature Resolution | 0.1 °C                            |
| Temperature Gradient   | (0.1 to 20.0)°C/Min               |
| Temperature Accuracy   | ±0.3°C (<250°C), ±0.5°C ( >250°C) |
| Repeatability          | 0.1°C/Min, ±0.1°C                 |
| Exploration            | YES                               |
| Display                | TFT Touch Screen                  |
| Operator Account       | 8                                 |
| Curve Storage          | 10                                |
| Result storage         | 100                               |
| Interface              | USB RS232, SD Card Ethernet       |
| Capillary Size         | I.D. 1.0 mm, O.D. 1.4 mm          |
| Power Consumption      | 120 W                             |

|              |                        |
|--------------|------------------------|
| Power Supply | 110 to 220 V, 50/60 Hz |
| Dimensions   | 430x320x370 mm         |
| Weight       | 6.5 kg                 |

## Features :

1. TFT Touch Screen Display
2. High automatic integration, to achieve a key measurement function
3. Precise temperature function technology
4. Fully automatic detection method, early fusion
5. High-definition video technology recording
6. Measures four samples at the same time
7. Automatically calculate average value of initial and final melting points

## Applications :

Melting Point Apparatus used in chemical, pharmaceutical, textile, food and dye, petrochemical industries for determining melting point of different material intended for quality checking and research experiments



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