

PHYSICAL PROPERTIES TESTING

 cs@irisanalytical.com
 +1 706 760 4500
 www.irisanalytical.com



Digital Melting Point Apparatus regulate the compound based on what temperature it fits from a solid to a liquid. The maximum components s has a definite temperature at which it liquefies. The testing sample is injected into tubes and inserted into the machine and an amplification device is involved in the apparatus to carefully detect the solid in the tubes. The apparatus can then heat the tube and solid sample at a set temperature. The heat can be adjusted to find the temperature that the material just starts to melt, which is the melting point for that material.

Digital Melting Point Apparatus MPA-100 Series

Digital Melting Point Apparatus MPA-100 Series convenient and automatic apparatus designed with safety and ease of operation in mind, making it ideal for use in education and industry alike, and touch control display on the front panel incorporates the whole operation. Features with a video camera and a video replay function which allows reviewing the melting point determination. It also suits for color samples and can able to test 4 samples simultaneously, GLP, GMP(EU, UPS & CN), and FDA 21CFR part 11 compliance.



- Designed with multi-user ID classify function
- 8-inch touch screen display
- Temperature range: 400 °C
- Manual and automatic melting point determination
- Easy to clean visible glass panel
- Storage up to 32 GB ROM
- Support USB, GLP, GMP(EU,UPS & CN) and FDA CFR21 part 11

Digital Melting Point Apparatus MPA-200 Series

Digital Melting Point Apparatus MPA-200 Series ideal in the field of medicines, dry stuff, perfumes, and other organic crystal substances. The MPA-200 operated at room temperature to 320°C range a 0.1 °C display resolution as well as a variable heating rate and footing in such a way that the melting temperature can be recorded and allows you to review the process. Additionally, features including a video camera and a video replay function, FDA and CFR21 part 11 compliance. The temperature is selected, measured, and display digital making it accurate. Users can view with a magnifying lens to receive perfect observation. Designed for all laboratory needs with adequate requirements for sample processing.



- Features with PID and PWM
- LCD display
- Temperature range: RT to 400°C
- Detection of melting point of substances
- Multi point calibration standard
- Portable and compact design
- Storage data: 1000 sets
- Support USB and RS232

