

SGW-650A / SGW-630A

Automatic Image Melting Point Apparatus



Characteristics

- Image processing and analysis, with video recording and playback.
- Android operating system with large touch screen.
- Equipped with multi-point calibration function, observing with automatic mode or visual mode.
- Improved accuracy and reliability of the melting point.
- It can measure special samples that appear dark or opaque after melting, as well as samples that decompose during heating.
- Compliant with the relevant requirements of the National Pharmacopoeia, GMP, GLP, and FDA/21CFR Part 11.

Specifications

Parameters/Model	SGW-650A	SGW-630A	
Measuring range	Room temperature – 400℃		
Measuring mode	Auto / Visual		
Measuring methods	600	400	
Number of Users	300	200	
Audit trail	Optional	Optional	
Electronic Signature	Yes	Yes	
Resolution	0.01℃		
Linear heating-up rate	0.1℃/min~20℃/min		
Accuracy	≤200℃ ±0.3℃ ; > 200℃ ±0.5℃		
Repeatability	0.3℃ (heating rate: 1.0℃/min)		
Linear heating rate error	±5%		
Number of capillary	5	3	
Capillary dimensions	Outer diameter: φ1.4mm	Inner diameter: φ1.0mm	Length: 90mm
Height of sample	3mm		
Operation System	Android		
Data storage	128G		
Display	10.1 inch touch screen		
Interface	1 x RS232 , 3 x USB , 1 x RJ-45 , WIFI		
Power supply	100V~240VAC , 50Hz/60Hz , 150W		
Package Dimension	495mm×493mm×350 mm		
Weight(Gross)	5kg		