Dropping Point and Softening Point Tester

Alpol-JHD50 video melting point instrument combines high-precision temperature control technology and high-definition video camera technology, not only to provide users with accurate, stable and reliable test results, but also to bring users an efficient and convenient test experience. Hd video can easily and clearly see the whole process of sample melting



Alpol-JHD50 Dropping point and softening point tester

Applicable Standards

Technical standards comply with ASTM(D3204, D3461, D3104, D3954, D6090), DIN(51801, 51920), GB/T(2294-2019, 3498, 8728-1988)ISO (2176-1972, 4625-2) and Pharmacopoeia and other standards

Field of Use

Widely used in asphalt (especially high temperature asphalt), paraffin, resin, rosin, grease, Vaseline, ointment, ointment, suppository, ointment, grease and other composition control and quality testing. It can completely replace the traditional Uhler drop method and global method to determine the softening point, without glycerol, and the test accuracy is higher

Innovation Points to Improve Efficiency

- Automatic integration, AI automatically sets parameters
- Processing 2 samples at a time
- High-definition video instead of traditional microscope visual
- Data can be printed directly through the printer
- Comply with 21CFR Part 11, Audit Trail, Pharmacopoeia and electronic signature

The Key Technical Indexes

Temperature range	Room temperature -400℃
Detection method	Semi-automatic
Fat cup	2 drip cups with 2.8mm orifice
2 cups of softening point with 6.35mm orificeProcessing capacity	2 channels/batch (two samples can be made at the same time)
Temperature resolution	0.01℃
Heating rate	0.1℃- 20℃ (200 speed adjustable)
Temperature control mode	PID precise temperature control furnace body fully closed design
Segment temperature control	Up to 10 segment temperature control
Accuracy (level 0.2, provide measurement reports)	±0.2℃ (<250℃) / ±0.4℃ (>250℃)
Repeatability	0.1℃/Min repeatability ±0.1℃
Magnification	Standard 9 times other multiples can be set
Display mode	10.4 "FTF color touch color screen
Data storage	64GB
Method	600 sets
Experimental method lock	Yes
User management	Have/four level rights management
Audit Trail	Yes
Electronic signature	Yes
Custom method library	Yes
Export file Verification Advanced Defense MD5	Yes
Export in multiple file formats	PDF and ExcelData interface: USB RS232 SD Wi-Fi, RJ45, U disk (PC software can be configured to upload test data)
Scanning gun	Support scanning gun QR code directly input information
Packing size	430*320*370mm
Power supply	110-230V 50/60HZ 120W
Gross weight	6.50kg