Grease/Oil Melting Point Apparatus
(for block and paste)- JHY Series

Brief Introduction

Automatic grease melting point meter can quickly and accurately determine the melting point of various block and paste samples. 3 samples can be measured simultaneously. Through the digital optical sensor, the whole experiment process is digitized and transmitted to the computer, the intelligent software can automatically judge the melting point of oil, eliminate the subjective error of judging the melting point, and reduce the labor intensity of the experimenter. The instrument has its own heating system, which can ensure a stable heating rate. The platinum temperature sensor has the advantages of fast response and high accuracy compared with the traditional method of using mercury thermometer.

In line with SNT0801.5-2015, GB/T24892-2010, GBT127662008 standards

Features

1: With refrigeration system, 3 samples can be processed at a time;

2: One-key automatic detection function, effectively avoid human error;

3: PID precise temperature control;

4: Can record and playback the experiment process, not missing every detail;

5: in full compliance with the national standard and ISO oil melting point determination method

Parameters

Model	JHY30	JHY50	JHY80	JHY90
Temperature display range	0-350°C	0-100°C	0-400°C	0-100°C
Temperature control range	RT-350°C	(RT -20)-100°C	RT-400°C	(RT -20)-100°C
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C
Heating gradient	0.1°C-20°C/ minutes	0.1°C-10°C/ minutes	0.1°C-20°C/ minutes	0.1°C-10°C/ minutes
Cooling rate	Wind cooling	Semiconductor cooling	Wind cooling	Semiconductor cooling
Temperature accuracy	±0.3°C(<100°C) ±0.5°C(>100°C)	±0.3°C (<100°C)	±0.2°C (<100°C) ±0.4°C(>100°C)	±0.2°C (<100°C)
Repeatability	Melting point repeatability was ±0.1°C at 0.1°C/Min	Melting point repeatability was ±0.1°C at 0.1°C/Min	Melting point repeatability was ±0.1°C at 0.1°C/Min	Melting point repeatability was ±0.1°C at 0.1°C/Min
Detection method	Semi-automatic	Semi-automatic	Fully automatic (compatible with manual)	Fully automatic (compatible with manual)
Video function	Photo	Photo and video	Photo and video	Photo and video
Data preservation	200	400	600	1000
Storage	16G	32G	16G	32G
Display method	TFT high-definition true color screen	TFT high-definition true color screen	TFT high-definition true color screen	TFT high-definition true color screen
Computer interface	USB RS232 network port	USB RS232 network port	USB RS232 network port	USB RS232 network port
Capillary can be used	OD:1.3mm ID:1.1mm Length:100mm (Single and double opening) OD:4.0mm ID:3.8mm Length:800mm (Large capillary)	OD:1.3mm lD:1.1mm Lengthrl00mm (Single and double opening) OD:4.0mm ID:3.8mm Length:800mm (Large capillary)	OD:1.3mm ID:1.1mm Lengthrl00mm (Single and double opening) OD:4.0mm ID:3.8mm Length:800mm (Large capillary)	OD:1.3mm ID:1.1mm Lengthrl00mm (Single and double opening) OD:4.0mm ID:3.8mm Length:800mm (Large capillary)
Processing capacity	3 pcs per batch	3 pcs per batch	3 pcs per batch	3 pcs per batch
Number of user management	-	8	10	200
Video playback	-	YES	YES	YES
User Management	-	YES	YES	YES
Power supply	AC 220V 50/60Hz 120W	AC 220V 50/60Hz 120W	AC 220V 50/60Hz 120W	AC 220V 50/60Hz 120W
Instrument size	400*280*330mm	400*280*330mm	400*280*330mm	400*280*330mm
Weight	4.1kg	4.1kg	4.1kg	4.1kg