

Laboratory Test Sieve



Application:
Lab test sieve is suitable for particles distribution analysis. It is primarily used to determine particle size distribution for particles, powder and liquid in laboratory and quality control department.

Features:
* Screen mesh size range: from 2 mesh to 2800 mesh.
* Timing range: 0-99min59s, time can be set from seconds to hours freely.
* Typically requires 50-150g of sample material.

Technical Parameters:

Model	BK-TS200	BK-TS200X	BK-TS300
Working Layer	1-8 layers		
Screen Mesh Size	0.003~12.5mm		
Diameter	200mm		
Material	Stainless steel 304		
Timing Range	0-99min59s		
Speed	1440r/min		
Power Consumption	125W		
Power Supply	AC 220V, 50Hz(Standard); 220V, 60Hz; 110V, 60Hz(Optional)		
Standard Accessory	Lid and Base(Except BK-TS300)		
External Size(W*D*H)	400*300*370mm	390*340*340mm	435*390*370mm
Package Size(W*D*H)	460*380*430mm	470*410*570mm	530*470*420mm
Net Weight	33kg	30kg	40kg
Gross Weight	35kg	40kg	42kg

Screen Mesh:

Number of Mesh	Aperture (mm)	Number of Mesh	Aperture (mm)	Number of Mesh	Aperture (mm)
2	12.5	45	0.4	220	0.065
3	8	50	0.355	240	0.063
4	6	55	0.315	250	0.061
5	5	60	0.28	280	0.055
6	4	65	0.25	300	0.050
8	3	70	0.224	320	0.045
10	2	75	0.2	325	0.043
12	1.6	80	0.18	340	0.041
14	1.43	90	0.16	360	0.040
16	1.25	100	0.154	400	0.0385
18	1	110	0.15	500	0.0308
20	0.9	120	0.125	600	0.028
24	0.6	130	0.112	600	0.022
26	0.71	140	0.105	800	0.020
28	0.68	150	0.100	1000	0.015
30	0.6	160	0.098	1800	0.010
32	0.58	180	0.09	2000	0.008
35	0.50	190	0.08	2300	0.005
40	0.45	200	0.074	2800	0.003

Melting Point Apparatus
Melting Point Tester



Introduction:
Melting point tester adopts capillary tube as sample tube and liquid temperature transfer mode prescribed in Pharmacopoeia. It is suitable for testing melting points of pharmaceutical, chemical reagents, spices, dye etc.

Features:
* Equipped with thermo sensitive mini printer.
* Automatic magnetic stirring system, oil bath temperature is uniform.
* High-precision temperature sensor, can correct non-linear error automatically.
* Automation: automatic measurement, automatic diagnosis and automatic alarm.
* Full-automatic frequency converting control, has high temperature control precision and small linear error of heating rate.

Technical Parameters:

Model	MPTD-1
Melting Point Test Range	RT~290°C
Heating Rate	Four levels: 0.5°C/min; 1°C/min; 1.5°C/min; 3.0°C/min
Deviation of Linear Heating Rate	<5%
Temperature Transfer Medium	Methyl silicone oil
Liquid Cup for Temperature Transfer	250ml beaker in tall form
Melting Point Test Precision	≤±0.5°C, melting point <200°C ≤±1.0°C, melting point >200°C
Indicating Value Resolution	0.1°C
Operational Environment Temperature	18°C~28°C
Interface	Standard serial printing interface, with micro-printer
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
External Size(W*D*H)	200*320*305mm
Package Size(W*D*H)	410*295*430mm
Net Weight	5kg
Gross Weight	8kg