

Laboratory Test Sieve



BK-TS200/300

BK-TS200X

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		300mm
Material	Stainless steel 304		
Timing Range	0-99min59s		
Speed	1440r/min		
Power Consumption	125W		180W
Power Supply	AC110/220V±10%; 60/50HZ		
Standard Accessory	Lid and Base(Except BK-TS300)		
External Size(W*D*H)mm	380*330*340	380*330*340	500*400*350
Package Size(W*D*H)mm	460*380*430	470*410*570	530*470*420
Net Weight(kg)	27	27	40
Gross Weight(kg)	35	40	42

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	0.026
24	0.8	130	0.112	800	0.022
26	0.71	140	0.105	900	0.020
28	0.68	150	0.100	1000	0.015
30	0.6	160	0.096	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

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~270°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	AC110/220V±10%, 50/60Hz
Dimensions(W*D*H)mm	200*320*305
Packing Size(W*D*H)mm	410*295*430
Gross Weight(kg)	7