

DW-S200/S300/S400 Test sieve shaker

Function and principle

Standard vibrating screen machine uses vibrating motor as the vibration source. The vibration of vibrating motor drives the vibration of the screen machine base, and then passes through the base to the standard test screen installed on the base, the material particles smaller than the mesh of the test screen are screened into the lower test screen, so that only the same size material is left in each test screen. Achieve the separation of different particle size and determine the particle size composition of the material. So that the materials in the test screen can effectively screen, classification, filtration purposes.

Features

1. High efficiency, exquisite and durable design, any kind of powder, liquid can be sifted
2. Small size, do not occupy space to move easily.
3. Screen machine can be placed up to eight test sieves (including bottom sieves) , can be a particle at the same time accurate separation of 2-7 particle segment.
4. Automatic shutdown time.
5. To ensure experimental repeatability.
6. Full function and easier operation.
7. Noise, light weight.
8. Platform operation, no need to be fixed.
9. Adjustable amplitude.



Applications

Widely used in food, medicine, chemical industry, abrasive, pigment, mining, metallurgy, geology, ceramics, national defense and other industries, scientific research units, laboratories, laboratories, production control of solid, powder, slurry materials such as the inspection, screening, grading, particle size analysis, impurities content analysis.

Parameters

Model	DW-S200	DW-S300	DW-S400
Adjustable sieve diameter	Ø200、 Ø100、 Ø75	Ø300、 Ø200	Ø400、 Ø300、 Ø200
Sieve size	0.025~160mm	0.025~3mm	0.025~280mm
Motor power	0.125kw	0.18kw	0.25kw
Noise	< 50dB	Less than 50dB	Less than 50dB
Amplitude	0~3MM	0~3MM	0~3MM
Vibrational frequency	1440hz/min	1440hz/min	1440hz/min
Size	400*300*300+N*50	470*430*370+N*50	590*485*360+N*60
Voltage	220V 50HZ	220V 50HZ	220V 50HZ
Weight	30kg	40kg	65kg
Picture			

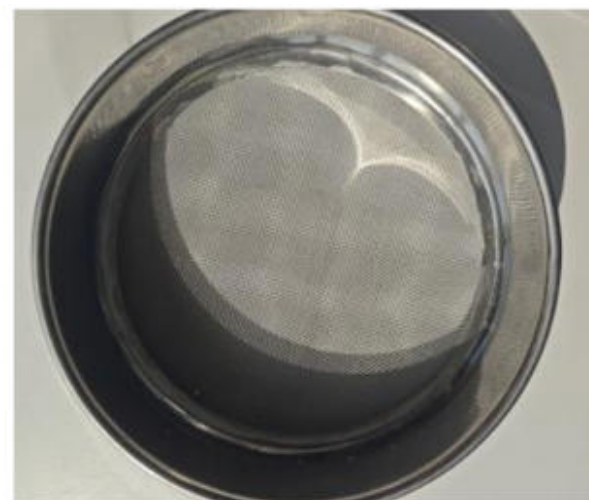
Sieve choices



8 mesh sieve



10 mesh sieve



20 mesh sieve



110 mesh sieve



200 mesh sieve



250 mesh sieve



300 mesh sieve



Square hole sieve(1)



Square hole sieve(2)



Round hole sieve

Mesh Size	Wire Dia. (mm)	Aperture Size (mm)
4	1	5
5	1	4
6	0.8	3.35
7	0.8	3
8	0.8	2.36
10	0.63	2
12	0.4	1.7
14	0.4	1.4
16	0.4	1.18
18	0.315	1.12
20	0.315	1
24	0.28	0.8
26	0.28	0.71
28	0.28	0.63
30	0.25	0.6
32	0.224	0.56
35	0.224	0.5
40	0.18	0.45
45	0.14	0.425
50	0.14	0.355
55	0.14	0.315
60	0.14	0.28
65	0.14	0.25
70	0.125	0.224
75	0.125	0.212
80	0.125	0.2
85	0.125	0.18
90	0.1	0.16
100	0.1	0.15
120	0.09	0.125
130	0.071	0.12
140	0.071	0.112
150	0.063	0.106
160	0.056	0.1
180	0.063	0.08
190	0.056	0.078
200	0.05	0.075
220	0.045	0.071
240	0.05	0.06
250	0.045	0.056
260	0.04	0.053
280	0.04	0.05
300	0.036	0.048
320	0.036	0.047
325	0.036	0.045
350	0.032	0.04
360	0.032	0.038
400	0.028	0.036
500	0.025	0.028
600	0.02	0.02
800		0.018
900		0.015
1000		0.013
1100		0.012
1600		0.008
2000		0.0065

*Note: Users have to choose sieves to work with the machine.