



TSS-200, Sieve Shaker

The TSS-200 test sieve shaker from MRC, produces accurate, consistent results and features constant-controlled amplitude, precise controls, quick-release hold-downs. Maintenance-free, quiet operation; it can be used directly on a laboratory countertop. Belt closing system provides more secure method for placing and removing test sieve stacks in the unit. This belt closing system also enables easier, quieter operation. Sieves, cover and bottom collecting pan are not included.

Features:

- One piece construction to prevent cross contamination.
- A high degree of corrosion resistance and ease of cleaning thanks to high-alloy stainless steel.
- Maximum stability and optimum sealing when used in sieve stacks.

Applications:

separation, fraction, particle size determination.

Field of Application:

Agriculture, biology, chemistry/plastics, construction materials, engineering/electronics, environment, food, glass/ceramics, medicine/pharmaceuticals, mineralogy/metallurgy.

Examples:

Cement clinker, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, plastics, sand, seeds, soils, washing powder...

Feed material:

powders, bulk materials, suspensions.

Sieve: Ø200x60mm



Model	TSS-200	TSS-300
Rotation speed	0~6,000 rpm	
Size of sieve container	Ø200x60mm Max. 8 pcs	Ø300mm Max. 8 pcs
Electronic control	Step-less system	
Timer	Continuous or 0~60 min	
Safety device	Glass fuse 6A	
Power	110/220V, 50/60Hz	
Weight	25Kgs	
Dimension (mm)	300x300x330	

Sieves Specifications:

ASTM mesh	4"	3-1/2"	3"	2-1/2"	2"	1-1/2"	1-1/4"	1"	3/4"	5/8"
Size (mm)	101.60	88.900	76.200	63.500	50.800	38.100	31.700	25.400	19.100	15.900
ASTM mesh	1/2"	3/8"	1/4"	3-1/2	4	5	6	7	8	10
Size (mm)	12.700	9.520	6.350	5.660	4.760	4.000	3.360	2.830	2.380	2.000
ASTM mesh	12	14	16	18	20	25	30	35	40	45
Size (mm)	1.680	1.410	1.190	1.000	0.840	0.710	0.590	0.500	0.420	0.350
ASTM mesh	50	60	70	80	100	120	140	150	160	170
Size (mm)	0.297	0.250	0.210	0.177	0.149	0.125	0.105	0.104	0.096	0.088
ASTM mesh	180	200	230	250	270	300	325	350	400	500
Size (mm)	0.080	0.074	0.062	0.061	0.053	0.050	0.044	0.040	0.037	0.025