



• PB • OSB • MDF



INFRASONIC LABORATORY SIFTER

VU200

TO ASSESS THE PERCENTAGE OF THE VARIOUS GRANULOMETRIES PRESENT IN THE MATERIAL

The VU200 has been designed to screen out products like sawdust, chips, and wood fibre, in relation to particle size. By applying an acoustic pressure of adjustable frequency and intensity, the material is dry-sieved and collected in calibrated screens which are positioned in decreasing order. By weighing each sieve, the operator may calculate the percentage of the single granulometries, and obtain numerical information on the composition of the material used.

MAIN FEATURES

- Used for both fibre and wood chips
- Excellent screening precision in a very short time
- Acoustic vibration to prevent the material from accumulating
- Single oscillating air column to move even the smallest particles through the sieves
- No screen wear or particle friction
- See-through sieves to inspect the screening process
- Simple to use.

ADVANTAGES

- Accurate quality control of the material used in the productive process
- Improvement in the quality of the boards produced
- Less material wasted in the production process.

TECHNICAL DATA

POWER SUPPLY	110/230 V - 50/60 Hz
OPERATING TEMPERATURE RANGE	+5 ÷ 45 °C
MAX. HUMIDITY	Any
WEIGHT	35 kg
DIMENSIONS	410 x 410 x 845 mm
SIEVE DIAMETER	150 mm

SIEVES FOR VU200

ITEM	SIZE mm
1	8
2	6.42
3	6.14
4	5.92
5	4.94
6	4.06
7	2.97
8	2.83
9	2.77
10	2.47
11	1.98
12	1.71
13	1.48
14	1.24
15	1.19
16	1.04
17	0.89
18	0.71
19	0.614
20	0.606
21	0.514
22	0.414
23	0.337
24	0.316
25	0.307
26	0.263
27	0.217
28	0.187
29	0.158
30	0.151
31	0.131
32	0.089
33	0.061
34	0.035



Sieve	Nominal Size	Nominal Size (mm)	Sieve Size	Sieve Size (mm)	Weight	Percentage
Standard	1.000	1.0000	10	1.0000	10.00	10.00
Standard	2.000	2.0000	20	2.0000	20.00	20.00
Standard	4.000	4.0000	40	4.0000	40.00	40.00
Standard	8.000	8.0000	80	8.0000	80.00	80.00
Standard	16.000	16.0000	160	16.0000	16.00	16.00
Standard	31.500	31.5000	315	31.5000	3.15	3.15
Standard	63.000	63.0000	630	63.0000	0.63	0.63
Standard	125.000	125.0000	1250	125.0000	0.125	0.125
Standard	250.000	250.0000	2500	250.0000	0.025	0.025
Standard	500.000	500.0000	5000	500.0000	0.005	0.005
Standard	1000.000	1000.0000	10000	1000.0000	0.001	0.001
Standard	2000.000	2000.0000	20000	2000.0000	0.0002	0.0002
Standard	4000.000	4000.0000	40000	4000.0000	0.00005	0.00005
Standard	8000.000	8000.0000	80000	8000.0000	0.00001	0.00001
Standard	16000.000	16000.0000	160000	16000.0000	0.000002	0.000002
Standard	31500.000	31500.0000	315000	31500.0000	0.0000005	0.0000005
Standard	63000.000	63000.0000	630000	63000.0000	0.0000001	0.0000001
Standard	125000.000	125000.0000	1250000	125000.0000	0.00000002	0.00000002
Standard	250000.000	250000.0000	2500000	250000.0000	0.000000005	0.000000005
Standard	500000.000	500000.0000	5000000	500000.0000	0.000000001	0.000000001
Standard	1000000.000	1000000.0000	10000000	1000000.0000	0.0000000002	0.0000000002
Standard	2000000.000	2000000.0000	20000000	2000000.0000	0.00000000005	0.00000000005
Standard	4000000.000	4000000.0000	40000000	4000000.0000	0.00000000001	0.00000000001
Standard	8000000.000	8000000.0000	80000000	8000000.0000	0.000000000002	0.000000000002
Standard	16000000.000	16000000.0000	160000000	16000000.0000	0.0000000000005	0.0000000000005
Standard	31500000.000	31500000.0000	315000000	31500000.0000	0.0000000000001	0.0000000000001
Standard	63000000.000	63000000.0000	630000000	63000000.0000	0.00000000000002	0.00000000000002
Standard	125000000.000	125000000.0000	1250000000	125000000.0000	0.000000000000005	0.000000000000005
Standard	250000000.000	250000000.0000	2500000000	250000000.0000	0.000000000000001	0.000000000000001
Standard	500000000.000	500000000.0000	5000000000	500000000.0000	0.0000000000000002	0.0000000000000002
Standard	1000000000.000	1000000000.0000	10000000000	1000000000.0000	0.00000000000000005	0.00000000000000005
Standard	2000000000.000	2000000000.0000	20000000000	2000000000.0000	0.00000000000000001	0.00000000000000001
Standard	4000000000.000	4000000000.0000	40000000000	4000000000.0000	0.000000000000000002	0.000000000000000002
Standard	8000000000.000	8000000000.0000	80000000000	8000000000.0000	0.0000000000000000005	0.0000000000000000005