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## INFRASONIC LABORATORY SIFTER

### VU100

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

The VU100 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.

<b>TECHNICAL DATA</b>	
<b>POWER SUPPLY</b>	120/230V - 50/60 Hz
<b>OPERATING TEMPERATURE RANGE</b>	+5 ÷ 45 °C
<b>MAX. HUMIDITY</b>	Any
<b>WEIGHT</b>	35 kg
<b>DIMENSIONS</b>	410 x 410 x 845 mm

<b>SIEVES FOR VU100</b>		
<b>ITEM</b>	<b>SIZE mm</b>	<b>DIAMETER</b>
1	8	150
2	6.42	150
3	6.14	150
4	5.92	150
5	4.94	150
6	4.06	150
7	2.97	150
8	2.83	150
9	2.77	150
10	2.47	150
11	1.98	150
12	1.71	150
13	1.48	150
14	1.24	150
15	1.19	150
16	1.04	150
17	0.89	150
18	0.71	150
19	0.614	150
20	0.606	150
21	0.514	150
22	0.414	150
23	0.337	150
24	0.316	150
25	0.307	150
26	0.263	150
27	0.217	150
28	0.187	150
29	0.158	150
30	0.151	150
31	0.131	150
32	0.089	150
33	0.061	150
34	0.035	150