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OSCILLATING SCREENS

LS100

The laboratory screens are designed for an accurate simulation of the industrial process, obtaining results which are comparable to the process itself.

The LS100 consists of a base which supports a central shaft equipped with balancing counterweights and motor. The screening box consists of a modular set of sieves mounted on a plate fixed to an eccentric shaft, which is supported and driven by the central shaft.

Both shafts (the central driving shaft and the upper eccentric shaft) are assembled on special lubricated bearings which ensure a precise and smooth eccentric oscillating movement.

TECHNICAL DATA	
MOVEMENT	Eccentric-oscillatory
ECCENTRICITY	25 mm
OPERATING TIME	0 ÷ 8 min
SIEVE DIAMETER	300 mm or 400 mm
SIEVE HEIGHT	70 mm
STAINLESS STEEL SIEVES	Up to n.8
INSTALLED POWER	0.37 kW
VOLTAGE	110/220 V 50/60 hz

SIEVES FOR LS100

ITEM	SIZE mm	INCH /MESH	DIAMETER mm	WIDTH mm	DEPTH mm	HEIGHT mm
1	35	1 3/8"	300	900	550	1300
2	25	1"				
3	20	NONE				
4	16	5/8"				
5	10	NONE				
6	8	5/16"				
7	6.14	NONE				
8	5	NONE				
9	4.5	NONE				
10	4	N. 5				
11	3	NONE				
12	2	N. 10				
13	1.5	NONE				
14	1.4	N. 14				
15	1.34	NONE				
16	1.27	NONE				
17	1	N. 18				
18	0.8	NONE				
19	0.71	N. 25				
20	0.6	N. 30				
21	0.5	N. 35				
22	0.4	NONE				
23	0.35	N. 45				
24	0.307	N. 50				
25	0.25	N. 60				
26	0.237	NONE				
27	0.14	N. 100				
28	0.063	N. 230				
ITEM	SIZE mm	INCH / MESH	DIAMETER mm	WIDTH mm	DEPTH mm	HEIGHT mm
1	30	-	400	900	550	1300
2	19.8	-				
3	12	-				
4	10.5	-				
5	10	-				
6	7.96	-				
7	6	-				
8	5.06	-				
9	4	-				
10	2	-				
11	1	-				
12	0.237	-				

