

Electromagnetic sieve shakers

STANDARDS: EN 932-5 / ISO 3310-1

These Sieve Shakers are activated by electromagnetic impulses and thanks to the triple vibrating action (vertical, lateral and rotational) they are recommended to perform sieving tests where high precision and performance are important, and where continual and intense uses are required. They are therefore suggested for accurate sieving tests, also on fine materials.

These Electromagnetic Shakers are of simple and sturdy construction, can hold up to 10 sieves and they are also suitable for wet sieving tests (accessory mod. A046, A047).

section A

The separate digital control panel can adjust:

- The sieving time from 1 to 999 minutes
- The vibrating intensity
- The pauses between one vibration and the following one (this is especially indicated for fine material sieving).

Power supply: 230V 50Hz 1ph 450/750W



A059-01 KIT

A059-02 KIT

Model	Dimensions sieves dia.	Dimensions mm.	Weight kg.
A059-01 KIT	200 mm - 8"	320 x 380 x 850	40
A059-02 KIT	200 - 250 - 300 - 315 mm - 8" - 12"	380 x 440 x 1080	65
A059-03 KIT	200 - 250 - 300 - 315 - 350 - 400 mm - 8" - 12"	430 x 460 x 1150	80
A059-04 KIT	200 - 250 - 300 - 315 - 400 - 450 mm - 8" - 12" - 18"	480 x 500 x 1150	85



A059-03 KIT

- Triple vibrating action:
- Vertical
 - Lateral
 - Rotational
- Digital microprocessor control panel with functions:
- Timer 0-999 minutes
 - Adjustable vibration intensity
 - Continuous or intermittent adjustable vibrating action

section A



A058
Noise reduction cabinet

For the sieve shakers A059 serie and A060-01, lined internally with sound-proofing material for noise reduction to CE Directive.



A058 + A059-03 KIT



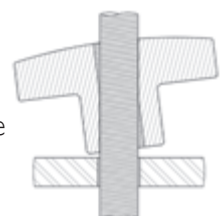
A059-04 KIT

ACCESSORY:



A059-21

A059-21
KNOBS for fast clamping/release of the upper beam.
Useful for fast vertical displacement of the beam.
(Not usable with A059-01 KIT model)
Pack of 2 knobs with rods.



A059-21

MATEST

A061N

High capacity sieve shaker

Designed for sieving considerable quantities of any material. The screen shaker accepts up to 30 litres (60 ÷ 70 kg) of sample. Sturdy made, the machine can hold six screen trays and dust pan.

Supplied complete with dust pan, but "without" screen trays to be ordered separately.

It cannot be sold in CE markets without protection (see accessories).

Power supply: 230 V 50 Hz 1ph 750 W

Dimensions: 585x790x850 mm

Weight: 180 kg approx.



A061N
with Screen Trays

ACCESSORIES:

A061-97

SAFETY DOORS, upper and frontal, complete with micro-switch, complying to CE Safety Directive.

If the door is opened while the shaker is working, it automatically stops.

The doors also protect from dust.

A061-98

SECURITY CABINET, steel made with microswitch, complying to CE Safety Directive, lined with sound-proofing material for noise reduction. If the door is opened while the shaker is working, it automatically stops.

The cabinet also protects from dust.

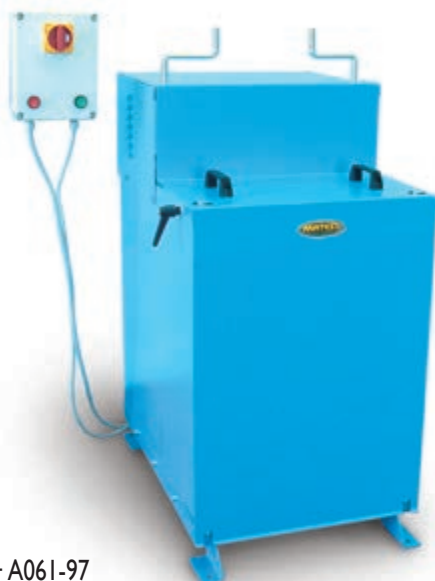
Overall dimensions: 900 x 900 xh 1350 mm

A061-03 TRAY ONLY, without mesh, size 457x660x75 mm, suitable for mesh openings from 125 to 6,3 mm.

A061-05 TRAY ONLY, without mesh, size 457x660x75 mm, suitable for mesh openings from 5,6 to 1 mm.



A061N + A061-98



A061N + A061-97

A061-06

TRAY ONLY, without mesh, size 457x660x75 mm, suitable for mesh openings from 0,850 to 0,063 mm.



SCREEN TRAYS FOR SIEVE SHAKER A061N, SIZE 457X660X75 MM, ROBUST STEEL GALVANIZED FRAME.
 STAINLESS STEEL WOVEN WIRE MESH.
 STANDARDS: EN 933-1, 933-2 / ASTM E11 / ISO 3310-1 / BS 410

Aperture size mm	ASTM number	Model
0,038	400	A061-78
0,045	325	A061-79
0,053	270	A061-80
0,063	230	A061-81
0,075	200	A061-07
0,080	-	A061-08
0,090	170	A061-09
0,100	-	A061-10
0,106	140	A061-11
0,125	120	A061-12
0,150	100	A061-13
0,160	-	A061-14
0,180	80	A061-15
0,200	-	A061-16
0,212	70	A061-17
0,250	60	A061-18
0,300	50	A061-19
0,315	-	A061-20
0,320	-	A061-21
0,355	45	A061-22
0,400	-	A061-23
0,425	40	A061-24
0,500	35	A061-25
0,600	30	A061-26
0,630	-	A061-27
0,710	25	A061-28

Aperture size mm	ASTM number	Model
0,800	-	A061-29
0,850	20	A061-30
1,000	18	A061-31
1,180	16	A061-32
1,25	-	A061-33
1,400	14	A061-34
1,600	-	A061-35
1,700	12	A061-36
2,000	10	A061-37
2,360	8	A061-38
2,500	-	A061-39
2,800	7	A061-40
3,150	-	A061-41
3,350	6	A061-42
4,000	5	A061-43
4,750	4	A061-44
5,000	-	A061-45
5,600	3,5	A061-46
6,350	1/4"	A061-47
6,700	0,265"	A061-48
7,100	-	A061-49
8,000	5/16"	A061-50
9,500	3/8"	A061-51
10,00	-	A061-52
11,20	7/16"	A061-53
12,50	1/2"	A061-54

Aperture size mm	ASTM number	Model
13,20	0,530"	A061-55
14,00	-	A061-56
16,00	5/8"	A061-57
19,00	3/4"	A061-58
20,00	-	A061-59
22,40	7/8"	A061-60
25,00	-	A061-61
25,40	1"	A061-62
26,50	1,06"	A061-63
28,00	-	A061-64
31,50	1 1/4"	A061-65
37,50	1 1/2"	A061-66
40,00	-	A061-67
45,00	1 3/4"	A061-68
50,00	2"	A061-69
53,00	2,12"	A061-70
56,00	-	A061-70S
63,00	2 1/2"	A061-71
75,00	3"	A061-72
80,00	-	A061-73
90,00	3 1/2"	A061-74
100,0	4"	A061-75
106,0	4,24"	A061-76
125,0	5"	A061-77

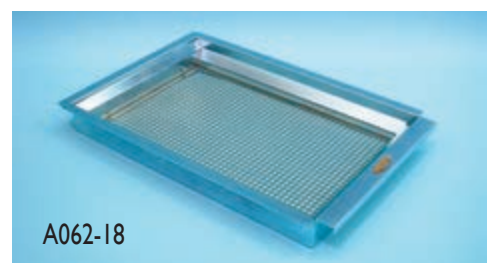
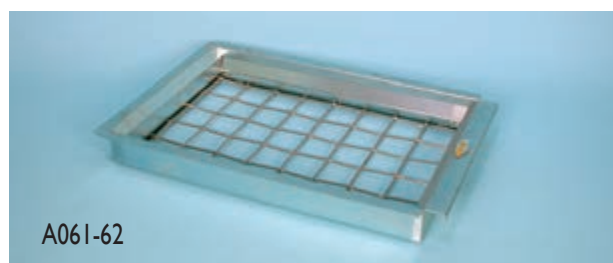
A061-96 SPARE collecting pan

SCREEN TRAYS WITH PERFORATED PLATE, "SQUARE HOLES" STANDARDS: EN 933-2 / ISO 3310-2 / BS 410

Aperture mm	Model
4,00	A062-11
4,75	A062-12
5,00	A062-13
5,60	A062-14
6,30	A062-15
6,70	A062-16
7,10	A062-17
8,00	A062-18
9,00	A062-19
9,50	A062-20
10,00	A062-21
11,20	A062-22
12,50	A062-23

Aperture mm	Model
13,20	A062-24
14,00	A062-25
16,00	A062-26
18,00	A062-27
19,00	A062-29
20,00	A062-30
22,40	A062-31
25,00	A062-32
26,50	A062-33
28,00	A062-34
31,50	A062-35
37,50	A062-36
40,00	A062-37

Aperture mm	Model
45,00	A062-38
50,00	A062-39
53,00	A062-40
56,00	A062-41
63,00	A062-42
75,00	A062-43
80,00	A062-44
90,00	A062-45
100,00	A062-46
106,00	A062-47
125,00	A062-48





A060-01

Sieve shaker motor operated

It accepts Sieves having dia. 200 - 250 - 300 - 315 mm, and 8" - 12".

This simple and low cost Sieve Shaker is activated by an electric motor and can hold up to 8 Sieves dia. 200 mm or 7 Sieves dia. 300 mm plus pan and lid. It is possible to perform also wet sieving tests (see accessories mod. A046 and A047)

Provided of timer 0 - 60 minutes.

Power supply: 230V 1ph 50Hz 110W

Dimensions: 350x400x950 mm

Weight: 24 kg approx.



A060-01

A058-01

Sieve shaker hand operated for sieves dia. 200 mm and 8"

Designed for site tests or yard laboratory analysis where electricity is not available. By rotating the crank the shaker applies a vertical and rotational vibration action.

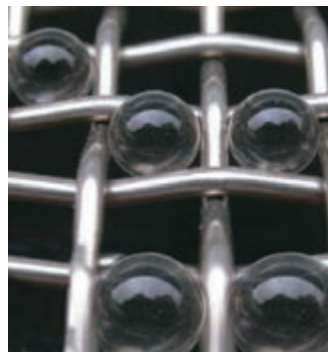
It can hold up to 6 sieves dia. 200 mm or 8" plus pan and lid.

Dimensions: 300x450x600 mm

Weight: 16 kg approx.



A058-01



A057-31 ÷ A057-44

Glass microspheres with NIST Certificate for sieves calibration

The calibration of the sieves or the inspection of the wear conditions of the mesh can be performed by using glass microspheres. These models are supplied with NIST Certificate (National Institute of Standard and Technology) in pack of 5 bottle.

Model	Sieve size (µm)	Weight per bottle (g)
A057-31	45	1
A057-32	63	1
A057-33	75	1
A057-34	90	1
A057-45	106	1
A057-35	125	1
A057-36	150	1,5
A057-37	250	2,5
A057-38	300	2,5
A057-39	425	2,5
A057-40	500	2,5
A057-41	600	2,5
A057-42	1000	7
A057-43	1180	10
A057-46	1600/1700	20
A057-44	2000	20

CALIBRATION GLASS BEADS

Models	Dia. range in mm of bead
A060-31	0.000 a 0.050
A060-32	0.040 a 0.070
A060-33	0.070 a 0.110
A060-34	0.090 a 0.150
A060-35	0.100 a 0.200
A060-36	0.150 a 0.250
A060-37	0.200 a 0.300
A060-38	0.250 a 0.500
A060-39	0.400 a 0.600
A060-40	0.500 a 0.750

Models	Dia. range in mm of bead
A060-41	0.750 a 1.000
A060-42	1.000 a 1.250
A060-43	1.250 a 1.550
A060-44	1.550 a 1.850
A060-45	1.700 a 2.000
A060-46	2.000 a 2.300
A060-47	2.300 a 2.600
A060-48	2.500 a 2.850
A060-49	2.850 a 3.300
A060-50	3.300 a 3.600

Note: Cloth openings from 4 mm can be verified by using a precision vernier caliper.

Other models for sieve's sizes not listed in the table can be supplied upon request.