

Shakers (SK) & Shaking Incubators (SI/IS)



The shakers and shaking incubators are pictured to illustrate the full complement of accessories available from Medline.

These include:

- Universal drilled platforms (supplied as standard)
- Clamps for separating funnels & Erlenmeyer flasks (various sizes from 50ml to 6000ml)
 - Spring wire racks
 - Rubber mats
- Test tube racks (numerous volumes/configurations)

Shakers & Shaking Incubators

SK SERIES - PLATFORM SHAKERS



SK-300



SK-600



SK-71

The SK series comes in a range of 3 sizes ranging from the 35 x 35cm via the 45 x 45cm to the 76 x 47cm platform. All feature the patented rotational monitoring system, ensuring the platform stops in the same position each time. Ideal for remote titration into flasks or beakers, the series also includes programmed functions for forward and reverse rotation. The motion can be easily altered between orbital and reciprocal motion by the operator. The timer can be set for run durations of up to 999 hours, with start and finish settings, thereby allowing for unattended operation.

The flywheel counterbalance system also includes 3 orbital diameter settings of 20, 30 and 40mm; each shaker is delivered factory set at 30mm. A bright LED and numerical display provide a clear indication of time, RPM and process functions.

Model	SK-300	SK-600	SK-71
Product reference	31105	31205	31305
Motion	Orbital (forward, backward, pause): standard, reciprocal		
Shaking system	Frequency 10 to 300 rpm		
	Accuracy ±1 at 150 rpm		
Timer	Run time (999hr 59min), pause (Max.99min, Min.1min) backward (Max.9min 50sec, Min.10sec)		

Product reference	Flask clamp Size	SK-300/ SI-300R	SK-600/ SI-600R	SK-71/ IS-971R
23550	50ml	28	45	99
23551	100ml	16	25	74
23552	250ml	13	18	39
23553	500ml	9	13	25
23554	1000ml	4	7	14
23555	2000ml	2	5	9

Guide table of accessories available for both the IS/SI and SK ranges illustrating recommended maximum quantities.

AVAILABLE ACCESSORIES

- Universal attachment with roller bars
- Separating funnels
- Rubber mats
- Spring wire racks
- Test tube racks
- Microtitre plate holder
- Sticky pads



Recommended number of flask clamps

Flask Clamps	Product ref.	Size	SK-300	SI-300R	SK-600	SI-600R	SK-71	IS-971R/F
	23550	50ml	36	28	55	45	99	99
	23551	100ml	28	24	44	36	74	74
	23552	250ml	13	13	24	18	39	39
	23553	500ml	10	9	16	13	25	25
	23554	1000ml	5	4	8	7	14	14
	23555	2000ml	4	2	5	5	9	9
	23557	2800ml	2	1	4	2	6	6
	23558	4000ml	1	-	2	-	4	4
	23559	6000ml	1	-	2	-	4	4



Shakers & Shaking Incubators

SI-300R/600R



These bench-top shaking incubators form the backbone of the Jeiotech range. Using the SK series shaker platforms as a base, the SI-300R and SI-600R refrigerated models combine accurate shaking speed with multiple functionality. Each model can be set to orbital or reciprocal movement with a choice of 3 orbit diameters. The program features allow for bi-directional orbit setting and pause modes for precipitation protocols. Temperature is controlled by PID microprocessor and the re-calibration feature of the Pt 100 probe ensures consistent long-term validity. Ideal for ISO or GLP environments, the integral refrigeration systems of the SI series allow process temperatures to be achieved from 15°C to 60°C.

Model	SI-300R	SI-600R
Product reference	23112	23212
Chamber volume litres	53	83
	Range	15°C to 60°C
Temperature	Accuracy	± 0.1°C at 38°C
	Safety device	CLS-Control system, Class II
	Motion	Orbital (Standard) or Reciprocal
Shaking system	Frequency	10 to 300 rpm, accuracy: ± 1 rpm
	Accuracy	± 1 at 150 rpm

IS-971R/RF

This floor-standing, chest-style shaking incubator, complete with glass viewing window, provides both large capacity and high performance. The size of the platform provides room for 39 x 250ml Erlenmeyer flasks to be shaken. Its dual compressor refrigeration system offers a working temperature range from +4°C to 60°C. With the the RF version, fluorescent lighting is housed within the lid behind a glass panel. This ensures the lighting does not affect the accuracy of the temperature control during operation. Two fans vent air away from the lid to eliminate any long term heat build up. The new 971R model also benefits from an RS232 data port with Lab Tracer software.

Model	IS-971R	IS-971RF
Product reference	23322	23352
Chamber volume litres	250	240
	Range	4°C to 60°C
Temperature	Accuracy	± 0.1°C at 38°C
	Safety device	CLS-Control system, Class II
	Motion	Orbital (Standard) or Reciprocal
Shaking system	Frequency	10 to 300 rpm, accuracy: ± 1 rpm
	Amplitude	30, 40, 50, 60, 70mm (standard = 30mm)

