

1-800-GRAINGER (472-4643)



## Shakers

Digital shakers are programmable and can be used in cold rooms and incubator or CO<sub>2</sub> environments. Platforms accommodate various flask clamp sizes. 53KC02 includes base tray. 53KC07 and 13R338 include clamps. 53KC17 and 13R340 include adhering rubber mat. 14N112 is a microplate shaker. Universal Platform 14N123 is designed for use with Erlenmeyer flasks and test tube racks. This unique magnetic attachment method is the easiest way to instantly change between flask clamps of different sizes.

Note: Clamps are available separately on Grainger.com; search for "lab shaker clamps."

Speed Range	Load Cap.	Overall H	Overall W	Overall D	Brand	Item No.
<b>Orbital Shakers</b>						
0 to 100 rpm	6.6 lb	3.5 in	14 in	14 in	Genie (Scientific Industries)	53KC02
0 to 300 rpm	6.6 lb	3.5 in	14 in	14 in		53KC07
	6.6 lb	3.5 in	14 in	14 in		53KC17
3 to 70 rpm	9 lb	8 in	14 in	12 in	Benchmark Scientific	14N113
	26 lb	7 in	23 in	20 in		13R338
10 to 300 rpm	26 lb	7 in	23 in	20 in	Genie (Scientific Industries)	13R339
	26 lb	7 in	23 in	20 in		13R340
30 to 300 rpm	14 lb	3 in	11 in	13 in	Benchmark Scientific	14N122
	65 lb	5 in	21.25 in	18.5 in		39P097
50 to 300 rpm	9 lb	5 in	11 in	10.75 in		14N120
200 to 1,500 rpm	—	4.5 in	11 in	10.75 in		14N112
<b>Shaker Accessory</b>						
Description		H	W	D	Brand	Item No.
MAGIC Clamp Magnetic Universal Platform for Flasks and Tube Racks		1 in	14 in	12 in	Benchmark Scientific	14N123



## Incubating Shakers

Use with platforms, flask racks, test tube racks, microplate holders, and rubber mats.

**Ohaus**—Provide accurate and repeatable results. 404P69 to 404P72, and 404P75 have touchpad LED displays for temperature, speed/tilt angle, time, and all settings can be viewed simultaneously. Spill-resistant design with overload protection gives audio/visual alarm. 404P68 is a cooling orbital shaker and 404P74 is a cooling shaker.

**Benchmark Scientific**—14N136 MultiTherm shaker offers heating and cooling capabilities. Speed, time and temperature settings are continuously visible on the LCD, simultaneously showing both actual and selected values. Integral over-temperature control ensures long life, safety and sample integrity. 14N131 Incu-Shaker provides digitally regulated temperature with precisely controlled, circular (orbital) mixing, optimized for the culture of a wide variety of cell types. Includes standard rubber mat platform.



Speed Range	Load Cap.	Overall H	Overall W	Overall D	Brand	Item No.
<b>Ambient -13° to 100°C</b>						
300 to 3,000 rpm	2 lb	5.2 in	9.8 in	6 in	Ohaus	404P73
<b>Ambient -10° to 65°C</b>						
100 to 1,200 rpm	2 lb	10.5 in	11 in	14 in	Ohaus	404P68
<b>Ambient -2° to 100°C</b>						
200 to 1,500 rpm		8.25 in	8.25 in	11.5 in	Benchmark Scientific	14N136
<b>Ambient 4° to 100°C</b>						
300 to 3,000 rpm	2 lb	5.2 in	9.8 in	6 in	Ohaus	404P74
<b>Ambient 5° to 60°C</b>						
30 to 300 rpm	30 lb	19 in	20 in	26 in	Benchmark Scientific	14N131
<b>Ambient 5° to 65°C</b>						
1 to 30 rpm	5 lb	10.5 in	12 in	17 in	Ohaus	404P75
1 to 50 rpm	10 lb	10.5 in	12 in	17 in	Ohaus	404P72
	2 lb	7.8 in	11 in	12 in	Ohaus	404P70
100 to 1,200 rpm		7.8 in	11 in	12 in	Ohaus	404P71
	8 lb	7.8 in	11 in	12 in	Ohaus	404P69

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