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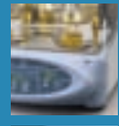
Thermo Scientific MaxQ™ Shakers













Increase your product yield with our MaxQ Shaker collection



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MaxQ 2000 Shaker
Cat. No. SHKE2000

MaxQ 3000 Shaker
Cat. No. SHKA3000

Thermo Scientific MaxQ 2000 & 3000 Open Air Platform Shakers

- Choice of analog or digital operating system.
- Choose from several platform sizes.
- Five year warranty on parts, one year labor and *LIFETIME* on drive mechanism.
- Triple eccentric drive handles heavy loads, provides uniform agitation and continuous 24-hour operation, even at high speeds.
- Units operate in temperature ranges of 0°C to 40°C and humidity conditions from 20 to 80% non-condensing enables them to be used in incubators, warm rooms, environmental chambers and refrigerators.

Analog Operating System

- Variable speed from 40 to 400 rpm, controlled by a rotary dial.
- Guaranteed accurate settings, with integrated tachometer that monitors and displays speed in rpm.
- Operate shaker in continuous mode or set time from 1 to 60 minutes.

Digital Operating System

- Variable speed control from 15 to 500 rpm.
- Continuous and timed operation from 0.1 hour to 999 hours or 0.1 minute to 999 minutes.
- Minimize errors by viewing speed and operating time simultaneously on two individual LED displays.
- Shaker shutdown and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- User-adjustable speed calibration can be performed using a digital handheld tachometer, where verification is required and protocols can be standardized.
- Unbalanced load sensor stops platform motion when excess vibration is detected and visual/audible alarms signal until condition is corrected.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts unit automatically after power is restored.
- RS232 interface allows remote monitoring of speed and time.

NEW CO_2 Resistant Digital Operating System

Contains all of the features and benefits of the digital operating system plus:

- Electrical and mechanical components have been treated to protect them from up to 10% CO_2 and 90% humidity conditions non-condensing.
- This treatment prevents humidity and CO_2 from reacting with electrical components and forming carbolic acid.
- The shakers will not malfunction and can be used continuously in a CO_2 incubator.

Applications

- Cell culture
- Solubility studies
- Extraction procedures
- Diagnostic tests
- General mixing
- Bacterial suspensions
- Staining and destaining
- Washing procedures
- Hybridization

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Thermo Scientific MaxQ 2000 & 3000

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Small Capacity Open Air Shakers—Analog								
SHKA2000[1,3]	40–400	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	120V, 50/60 Hz	47 (21.3)
SHKA2000-1CE[1,2,3]	40–400	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	240V, 50/60 Hz	47 (21.3)
Large Capacity Open Air Shakers—Analog								
SHKA3000[1,3]	40–400	1.0 (2.54)	50 (22.7)	25.8 (65.5)	29.4 (74.7)	9.7 (24.6)	120V, 50/60 Hz	207 (93.9)
SHKA3000-1CE[1,2,3]	40–400	1.0 (2.54)	50 (22.7)	25.8 (65.5)	29.4 (74.7)	9.7 (24.6)	240V, 50/60 Hz	207 (93.9)
Small Capacity Open Air Shakers—Digital								
SHKE2000[1,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	120V, 50/60 Hz	47 (21.3)
SHKE2000-1CE[1,2,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	240V, 50/60 Hz	47 (21.3)
Large Capacity Open Air Shakers—Digital								
SHKE3000[1,3]	15–500 ±1 rpm	1.0 (2.54)	50 (22.7)	25.8 (65.5)	29.4 (74.7)	9.7 (24.6)	120V, 50/60 Hz	207 (93.9)
SHKE3000-1CE[1,2,3]	15–500 ±1 rpm	1.0 (2.54)	50 (22.7)	25.8 (65.5)	29.4 (74.7)	9.7 (24.6)	240V, 50/60 Hz	207 (93.9)
NEW Small Capacity CO_2 Resistant Open Air Shakers—Digital								
SHKE2000CO2	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	120V, 50/60 HZ	47 (21.3)
SHKE2000CO2-1CE	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	17.4 (44.2)	13.5 (34.3)	6.4 (16.3)	240V, 50/60 Hz	47 (21.3)

[1] CUL, [2] CE, [3] UL

Accessories

UNIVERSAL PLATFORMS

Cat. No.	Description
30100	11"x 13" (27.9 x 33 cm) for MaxQ 2000 Shaker
30110	18"x 18" (45.7 x 45.7 cm) for MaxQ 2000 Shaker
30106	18"x 24" (45.7 x 60.9 cm) MaxQ 2000 Shaker
30115BI	30"x 18" (76.2 x 45.7 cm) MaxQ 3000 Shaker
30120BI	36"x 24" (91.4 x 60.9 cm) for MaxQ 3000 Shaker
30124	30"x 18" (76.2 x 45.7 cm) Dual Platform for MaxQ 3000 Shaker

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform (in.) 11x13	18x18	18x24	30x18	36x24
30175	Microplate/ Deep Well Plate	5	10	15	18	29
30150BI	10-ml Flask	60	113	157	112	160
30151	25-ml Flask	60	64	80	112	160
30152BI	50-ml Flask	30	32	40	112	160
30153	125-ml Flask	13	32	40	44	80
30154BI	250-ml Flask	9	16	23	24	40
30155	300-ml Flask	7	16	20	20	40
30156BI	500-ml Flask	6	16	20	18	40
30157BI	1-L Flask	4	9	10	12	21
30158	2-L Flask	1	6	5	6	11
30159	4-L Flask	1	4	4	6	11
30160	6-L Flask	1	2	3	3	6
30161	2500-ml Low Form Culture Flask	1	1	2	3	6
30162	2800-ml Fernbach Flask	1	4	4	5	8

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform (in.) 11x13	18x18	18x24	30x18	36x24
30180BI	10–13 mm, Red, 6 x 12 Array	3	6	8	13	16
30182[1]	14–16 mm, Orange, 6 x 12 Array	2	4	6	7	10
30184	17–20 mm, White, 4 x 10 Array	3	5	6	9	14
30186	21–25 mm, Blue, 4 x 10 Array	2	3	4	7	7
30188[2]	26–30 mm, Green, 3 x 8 Array	2	4	6	7	7
30190	Microcentrifuge, 1.5-ml, Blue, 8 x 12 Array	2	5	6	8	10

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform (in.) 11x13	18x18	18x24	30x18	36x24
30181	10–13 mm, Red, 6 x 6 Array	6	12	15	21	25
30183[1]	14–16 mm, Red, 6 x 6 Array	4	6	8	10	12
30185	17–20 mm, White, 4 x 5 Array	4	8	13	18	20
30187	21–25 mm, Blue, 4 x 4 Array	4	6	9	10	15
30189[2]	26–30 mm, Green, 3 x 3 Array	6	9	12	15	15
30191	Microcentrifuge, 1.5-ml, White, 4 x 6 Array	4	8	10	14	20

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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MaxQ 4450 Shaker
Cat. No. SHKE4450

Thermo Scientific MaxQ 4450 Compact Bench Top Incubated Shakers

Small footprint that combines incubated/ refrigerated temperature with an orbital shaker
- Holds up to four one liter flasks.
- Requires minimal bench space.
- Affordably priced.
- Five year warranty on parts, one year labor and *LIFETIME* on drive mechanism.

Product Description
- Choose between two temperature ranges, 5°C above ambient to 80°C or 5°C below ambient to 80°C.
- Clear lid lets you view samples without disturbing internal temperature.

New Operating Chiller for Plasmid Purification and Protein Expression in Bacteria
- Achieve temperature ranges from 20°C to 30°C.
- Provides a refrigerated atmosphere.

Operation
- Triple eccentric drive handles heavy loads, provides uniform agitation and continuous 24-hour operation, even at high speeds.
- Monitor and control chamber temperature range with ±0.1°C accuracy and ±0.5°C uniformity at 37°C.

Analog Operating System
- Variable speed control from 40 to 400 rpm, controlled by a rotary dial.
- Integrated tachometer monitors and displays speed in rpm to guarantee an accurate setting.
- Easy-to-read LED digital temperature display.
- Operate shaker in continuous mode or set timer from 1 to 60 minutes.

Digital Operating System
- Variable speed control from 15 to 500 rpm.
- Continuous/timed operation from 0.1 hour to 999 hours or 0.1 minute to 999 minutes.
- View speed, operating time and temperature simultaneously on three individual LED displays.
- Visual/audible alarms alert you to temperature deviations. Heat turns off if temperature deviates ±1°C of set point.
- Shaker shuts down and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts unit automatically after power is restored.

Safety
- Over-temperature safety feature with independent thermostat provides additional backup by controlling heat if main temperature controller fails.
- Safety interlock stops platform motion when lid is opened.

Applications
- Cell culture
- Extraction procedures
- General mixing
- Staining and destaining
- Hybridizations
- Solubility studies
- Plasmid purification
- Bacterial suspensions
- Washing procedures
- Protein expression in bacteria

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Thermo Scientific MaxQ 4450

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Temperature Range and Accuracy	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Bench Top Incubated Shaker—Analog									
SHKA4450[1,3]	40–400	0.75 (1.9)	35 (15.9)	5°C Above Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	120V, 50/60 Hz	77 (35)
SHKA4450-1CE[1,2,3]	40–400	0.75 (1.9)	35 (15.9)	5°C Above Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	240V, 50/60 Hz	77 (35)
Bench Top Incubated Shaker—Digital									
SHKE4450[1,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	5°C Above Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	120V, 50/60 Hz	77 (35)
SHKE4450-1CE[1,2,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	5°C Above Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	240V, 50/60 Hz	77 (35)
Bench Top Shaker with Cooling Coil—Analog									
SHKA4450CC[1,3]	40–400	0.75 (1.9)	35 (15.9)	5°C Below Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	120V, 50/60 Hz	77 (35)
SHKA4450CC-1CE[1,2,3]	40–400	0.75 (1.9)	35 (15.9)	5°C Below Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	240V, 50/60 Hz	77 (35)
Bench Top Shaker with Cooling Coil—Digital									
SHKE4450CC[1,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	5°C Below Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	120V, 50/60 Hz	77 (35)
SHKE4450CC-1CE[1,2,3]	15–500 ±1 rpm	0.75 (1.9)	35 (15.9)	5°C Below Ambient to 80°C; ±0.1°C in Flask	27.2 (69.1)	14.1 (35.8)	15.8 (40.1)	240V, 50/60 Hz	77 (35)

[1] CUL, [2] CE, [3] UL

Accessories

Cat. No.	Description
30100	Universal 11" x 13" (27.9 x 33 cm) Platform with Handles
SHK4450CH	Upright Chiller, 6-L Reservoir, Required to Achieve Temperatures from 20°C–30°C, 120V
SHK4450CH-1CE	Upright Chiller, 6-L Reservoir, Required to Achieve Temperatures from 20°C–30°C, 240V

Note: Optional gassing manifold enables direct gassing into flasks for anaerobic cultures. Contact customer service at 800-553-0039 for more information.

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform 11 x 13 in. (27.9 x 33 cm)
30175	Microplate/Deep Well Plate	5
30150BI	10-ml Flask	60
30151	25-ml Flask	60
30152BI	50-ml Flask	30
30153	125-ml Flask	13
30154BI	250-ml Flask	9
30155	300-ml Flask	7
30156BI	500-ml Flask	6
30157BI	1-L Flask	4
30161	2500-ml Low Form Culture Flask	1

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 11 x 13 in. (27.9 x 33 cm)
30180BI	10–13 mm, Red, 6 x 12 Array	3
30182[1]	14 –16 mm, Orange, 6 x 12 Array	2
30184	17–20 mm, White, 4 x 10 Array	3
30186	21–25 mm, Blue, 4 x 10 Array	2
30188[2]	26–30 mm Green, 3 x 8 Array	2
30190	Microcentrifuge, 1.5 ml, Blue, 8 x 12 Array	2

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 11 x 13 in. (27.9 x 33 cm)
30181	10–13 mm, Red, 6 x 6 Array	6
30183[1]	14–16 mm, Red, 6 x 6 Array	4
30185	17–20 mm, White, 4 x 5 Array	4
30187	21–25 mm, Blue 4 x 4 Array	4
30189[2]	26–30 mm, Green, 3 x 3 Array	6
30191	Microcentrifuge, 1.5 ml, White, 4 x 6 Array	4

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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MaxQ 4000 Shaker
Cat. No. SHKE4000

Thermo Scientific MaxQ 4000 Incubated and Refrigerated Shakers

Combines Incubated/Refrigerated Temperatures with Orbital Shaker

- View speed, time and temperature simultaneously.
- Choose from three temperature ranges.
- Spacious chamber holds six two-liter flasks.
- Clear lid allows sample viewing without disturbing chamber atmosphere.
- Choice of analog or digital operating systems.
- Five year warranty on parts, one year labor and *LIFETIME* on mechanism.

Operation

- Triple eccentric drive handles heavy loads, provides uniform agitation and continuous 24-hour operation, even at high speeds.
- Monitor and control chamber temperature range with ±0.1°C accuracy at 37°C.

Analog Operating System

- Variable speed control from 40 to 400 rpm, controlled by a rotary dial.
- Integrated tachometer monitors and displays speed in rpm to guarantee an accurate setting.
- Easy-to-read LED digital temperature display.
- Operate shaker in continuous mode or set timer from 1 to 60 minutes.

Digital Operating System

- Variable speed control from 15 to 500 rpm.
- Continuous/timed operation from 0.1 hour to 999 hours or 0.1 minute to 999 minutes.
- View speed, operating time and temperature simultaneously on three individual LED displays.
- Visual/audible alarms alert you to temperature deviations. Heat turns off if temperature deviates ±1°C of set point.
- Shaker shuts down and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- User-adjustable speed calibration can be performed using a digital handheld tachometer, where verification is required and protocols can be standardized.
- Unbalanced load sensor stops platform motion when excess vibration is detected and visual/audible alarms signal until condition is corrected.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts automatically after power is restored.

Safety

- Over-temperature safety feature with independent thermostat provides additional backup by controlling heat if main temperature controller fails.
- Safety interlock stops platform motion when lid is opened.

Applications

- Cell culture
- Extraction procedures
- General mixing
- Staining and destaining
- Hybridizations
- Solubility studies
- Plasmid purification
- Bacterial suspensions
- Washing procedures
- Protein expression

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Thermo Scientific MaxQ 4000

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Temperature Range and Accuracy	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Bench Top Incubated Shaker—Analog									
SHKA4000[1,3]	40–400	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	167 (75.8)
SHKA4000-1CE[1,2,3]	40–400	0.75 (1.9)	50 (22.7)	10°C above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	167 (75.8)
Bench Top High Temperature Incubated Shaker—Analog									
SHKA4000-5[1,3]	40–400	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	167 (75.8)
SHKA4000-6CE[1,2,3]	40–400	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	167 (75.8)
Bench Top Refrigerated Shaker—Analog									
SHKA4000-7[1,3]	40–400	0.75 (1.9)	50 (22.7)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	34 (86.4)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	212 (96.2)
SHKA4000-8CE[2]	40–400	0.75 (1.9)	50 (22.7)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	34(86.4)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	212 (96.2)
Bench Top Incubated Shaker—Digital									
SHKE4000[1,3]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	167 (75.8)
SHKE4000-1CE[1,2,3]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	167 (75.8)
Bench Top High Temperature Incubated Shaker—Digital									
SHKE4000-5[1,3]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	167 (75.8)
SHKE4000-6CE[1,2,3]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	32 (81.3)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	167 (75.8)
Bench Top Refrigerated Shaker—Digital									
SHKE4000-7[1,3]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	34 (86.4)	22.5 (57.2)	22 (55.9)	120V, 50/60 Hz	212 (96.2)
SHKE4000-8CE[2]	15–500 ±1 rpm	0.75 (1.9)	50 (22.7)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	34 (86.4)	22.5 (57.2)	22 (55.9)	240V, 50/60 Hz	212 (96.2)

[1] CUL, [2] CE, [3] UL

Accessories

UNIVERSAL PLATFORM

Cat. No.	Description
30110	18" x 18" (45.7 x 45.7 cm)

Note: Optional gassing manifold enables direct gassing into flasks for anaerobic cultures. Contact customer service at 800-553-0039 for more information.

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform 18 x 18 in. (45.7 x 45.7 cm)
30175	Microplate/Deep Well Plate	10
30150BI	10-ml Flask	113
30151	25-ml Flask	64
30152BI	50-ml Flask	32
30153	125-ml Flask	32
30154BI	250-ml Flask	16
30155	300-ml Flask	16
30156BI	500-ml Flask	16
30157BI	1-L Flask	9
30158	2-L Flask	6

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 18x18 in. (45.7 x 45.7 cm)
30180BI	10–13 mm, Red, 6 x 12 Array	6
30182[1]	14–16 mm, Orange, 6 x 12 Array	4
30184	17–20 mm, White, 4 x 10 Array	5
30186	21–25 mm, Blue, 4 x 10 Array	3
30188[2]	26–30 mm, Green, 3 x 8 Array	4
30190	Microcentrifuge, 1.5-ml, Blue, 8 x 12 Array	5

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 18x18 in. (45.7 x 45.7 cm)
30181	10–13 mm, Red, 6 x 6 Array	12
30183[1]	14–16 mm, Red, 6 x 6 Array	6
30185	17–20 mm, White, 4 x 5 Array	8
30187	21–25 mm, Blue, 4 x 4 Array	6
30189[2]	26–30 mm, Green, 3 x 3 Array	9
30191	Microcentrifuge, 1.5-ml, White, 4 x 6 Array	8

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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MaxQ 6000 Shaker
Cat. No. SHKE6000



Thermo Scientific MaxQ 6000 Incubated and Refrigerated Stackable Shakers

Large Chamber Will Accommodate Flasks Up To Six Liters

- Available in incubated or refrigerated models.
- Units can be stacked two high on the floor.
- Two adjustable-height shelves provide added storage.
- Large viewing window and internal light offer sample visibility.
- View temperature, speed and time simultaneously on three individual displays.
- Five year warranty on parts, one year labor and *LIFETIME* on mechanism.

Product Description

- Choose between two temperature ranges.
- Corrosion-resistant stainless-steel chamber accommodates a variety of 18 x 18 in. (45.7 x 45.7 cm) universal and dedicated platforms.
- Durable powder-coated, cold-rolled steel exterior construction.
- Electrical outlet inside chamber provides power for safe operation of shakers, stirrers or rotators.

Digital Operating System

- Triple eccentric drive handles heavy loads, provides uniform agitation and continuous 24-hour operation, even at high speeds.
- Monitor and control chamber temperature over complete range with ±0.1°C accuracy at 37°C.
- Variable speed control from 15 to 500 rpm.
- Continuous/timed operation from 0.1 hour to 999 hours or 0.1 minute to 999 minutes.
- View speed, operating time and temperature simultaneously on three individual LED displays.
- Visual/audible alarms alert you to temperature deviations. Heat turns off if temperature deviates ±1°C of set point.
- Shaker shut down and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- User-adjustable speed calibration can be performed using a digital handheld tachometer, where verification is required and protocols can be standardized.
- Unbalanced load sensor stops platform motion when excess vibration is detected visual/audible alarms signal until condition is corrected.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts unit automatically after power is restored.

Safety

- Over-temperature safety feature with independent thermostat provides additional backup by controlling heat if main temperature controller fails.
- Safety interlock stops shaking motion when the door is open.

Applications

- Bacterial suspensions
- Solubility studies
- Extraction procedures
- General mixing
- Staining and destaining
- Hybridizations
- Diagnostic test
- Washing procedures
- Protein expression
- Plasmid purification

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Thermo Scientific MaxQ 6000

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Temperature Range and Accuracy	Temperature Uniformity	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Incubated Shaker—Digital										
SHKE6000[1, 3]	15–500; ±1 rpm (unstacked) 15–300; ±1 rpm (stacked)	0.75 (1.9)	35 (15.9)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	±0.5°C at 37°C in Flask	33 (83.8)	27.5 (69.9)	40.5 (102.9)	120V 60 Hz	330 (150)
SHKE6000-1CE[1, 2, 3]	15–500; ±1 rpm (unstacked) 15–300; ±1 rpm (stacked)	0.75 (1.9)	35 (15.9)	10°C Above Ambient to 80°C; ±0.1°C at 37°C in Flask	±0.5°C at 37°C in Flask	33 (83.8)	27.5 (69.9)	40.5 (102.9)	220/240V 50/60 Hz	330 (150)
Refrigerated Shaker—Digital										
SHKE6000-7[1, 3]	15–500; ±1 rpm (unstacked) 15–300; ±1 rpm (stacked)	0.75 (1.9)	35 (15.9)	15°C Below Ambient to 80°C; ±0.1°C at 37°C in Flask (minimum set point needs to be 4°C on refrigerated model)	±0.5°C at 37°C in Flask	33 (83.8)	27.5 (69.9)	40.5 (102.9)	120V 60 Hz	430 (195)
SHKE6000-8CE[2]	15–500; ±1 rpm (unstacked) 15–300; ±1 rpm (stacked)	0.75 (1.9)	35 (15.9)	15°C Below Ambient to 80°C; ±0.1°C at 37°C in Flask (minimum set point needs to be 4°C on refrigerated model)	±0.5°C at 37°C in Flask	33 (83.8)	27.5 (69.9)	40.5 (102.9)	220/240V 50 Hz	430 (195)

[1] CUL, [2] CE, [3] UL

Accessories

Cat. No.	Description
30110	Universal 18" x 18" (45.7 x 45.7 cm) Platform
3522-3	Adapter Set for Tiering 2 Platforms
SHK6000-10	Stacking Kit for Additional MaxQ 6000
SHK6000-15	Alternate Stacking Kit
SHK6000-20	Seismic Restraint

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform 18 x 18 in. (45.7 x 45.7 cm)
30175	Microplate/Deep Well Plate	10
30150BI	10-ml Flask	113
30151	25-ml Flask	64
30152BI	50-ml Flask	32
30153	125-ml Flask	32
30154BI	250-ml Flask	16
30155	300-ml Flask	16
30156BI	500-ml Flask	16
30157BI	1-L Flask	9
30158	2-L Flask	6
30160	6-L Flask	2

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 18x18 in. (45.7 x 45.7 cm)
30180BI	10–13 mm, Red, 6 x 12 Array	6
30182[1]	14–16 mm, Orange, 6 x 12 Array	4
30184	17–20 mm, White, 4 x 10 Array	5
30186	21–25 mm, Blue, 4 x 10 Array	3
30188[2]	26–30 mm, Green, 3 x 8 Array	4
30190	Microcentrifuge tubes 1.5 ml, Blue, 8 x 12 Array	5

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 18x18 in. (45.7 x 45.7 cm)
30181	10–13 mm, Red, 6 x 6 Array	12
30183[1]	14–16 mm, Red, 6 x 6 Array	6
30185	17–20 mm, White, 4 x 5 Array	8
30187	21–25 mm, Blue, 4 x 4 Array	6
30189[2]	26–30 mm, Green, 3 x 3 Array	9
30191	Microcentrifuge tubes 1.5 ml, White, 4 x 6 Array	8

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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MaxQ 5000 Shaker
Cat. No. SHKE5000



Retractable foot casters allow easy manipulation in lab.

Thermo Scientific MaxQ 5000 Incubated and Refrigerated Floor Shakers

- Easy-access side drain system permits easy clean up of spills.
- Drip pan under platform contains spills.
- Retractable foot casters allow easy positioning in lab.
- Foot petal opens lid for hands free operation.
- Choice of analog or digital operating systems.
- Five year warranty on parts, one year labor and *LIFETIME* on drive mechanism.

Product Description
- Wide temperature range, 10°C above ambient to 60°C on incubated models and 15°C below ambient to 60°C on refrigerated models.
- Large viewing window.
- Optional access ports for probes, thermocouple or sensors.

Operation
- Triple eccentric drive handles heavy loads, provides uniform agitation and continuous 24-hour operation, even at high speeds.
- Monitor and control chamber temperature range with ±0.1°C accuracy at 37°C.

Analog Operating Systems
- Variable speed control from 40 to 400 rpm, controlled by a rotary dial.
- Integrated tachometer monitors and displays speed in rpm to guarantee an accurate setting.
- Easy-to-read LED digital temperature display.
- Operates in continuous mode or set timer from 1 to 60 minutes.

Digital Operating Systems
- Variable speed control from 15 to 500 rpm.
- Continuous/timed operation from 0.1 hour to 999 hours or 0.1 minute to 999 minutes.
- View speed, operating time and temperature simultaneously on three individual LED displays.
- Visual/audible alarms alert you to temperature deviations. Heat turns off if temperature deviates ±1°C of set point.
- Shaker shuts down and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- User-adjustable speed calibration can be performed using a digital handheld tachometer, where verification is required and protocols can be standardized.
- Unbalanced load sensor stops platform motion when excess vibration is detected and visual/audible alarms signal until condition is corrected.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts unit automatically after power is restored.

Safety
- Over-temperature safety feature with independent thermostat provides additional backup by controlling heat if main temperature controller fails.

Applications
- Cell culture
- Solubility studies
- Extraction procedures
- Plant growth
- General mixing
- Protein expression
- Bacterial suspensions
- Staining and destaining
- Washing procedures
- Hybridizations
- Plasmid purification

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Thermo Scientific MaxQ 5000

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps



Easy-access drain system offers convenience in draining and disinfecting the system.



Using the built-in foot pedal, you can open the door to transfer vessels, hands free.

Cat. No.	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Temperature Range and Accuracy	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Incubated Floor Shaker—Analog									
SHKA5000 [1,3]	40–400	1 (2.54)	75 (34)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	120V, 50/60 Hz	476 (215.9)
SHKA5000-1CE [1,2,3]	40–400	1 (2.54)	75 (34)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	240V, 50/60 Hz	476 (215.9)
Refrigerated Floor Shaker—Analog									
SHKA5000-7 [1,3]	40–400	1 (2.54)	75 (34)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	120V, 50/60 Hz	512 (232.2)
SHKA5000-8CE [2]	40–400	1 (2.54)	75 (34)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	240V, 50/60 Hz	512 (232.2)
Incubated Floor Shaker—Digital									
SHKE5000 [1,3]	15–500 ±1 rpm	1 (2.54)	75 (34)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	120V, 50/60 Hz	476 (215.9)
SHKE5000-1CE [1,2,3]	15–500 ±1 rpm	1 (2.54)	75 (34)	10°C Above Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	240V, 50/60 Hz	476 (215.9)
Refrigerated Floor Shaker—Digital									
SHKE5000-7 [1,3]	15–500 ±1 rpm	1 (2.54)	75 (34)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	120V, 50/60 Hz	512 (232.2)
SHKE5000-8CE [2]	15–500 ±1 rpm	1 (2.54)	75 (34)	15°C Below Ambient to 60°C; ±0.1°C at 37°C in Flask	32 (81.3)	41 (104.1)	41 (104.1)	240V, 50/60 Hz	512 (232.2)

[1] CUL, [2] CE, [3] UL

Accessories

Cat. No.	Description
30115BI	Universal 30" x 18" (76.2 x 45.7 cm) Platform
SHK5000-6	Stainless-Steel Shelf for Chamber L – 33.25" (84.5 cm) W – 4.0" (10.2 cm)

Note: Optional gassing manifold enables direct gassing into flasks for anaerobic cultures. Contact customer service at 800-553-0039 for more information.

Test tube rack clamps, see Accessories on page 13

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform 30 x 18 in. (76.2 x 45.7 cm)
30175	Microplate/Deep Well Plate	18
30154BI	250-ml Flask	24
30155	300-ml Flask	20
30156BI	500-ml Flask	18
30157BI	1-L Flask	12
30158	2-L Flask	6
30159	4-L Flask	6
30160	6-L Flask	3
30161	2500-ml Low Form Culture Flask	3
30162	2800-ml Fernbach Flask	5

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MaxQ 7000 Shaker
Cat. No. SHKE7000

Thermo Scientific MaxQ 7000 Bench Top Water Bath Shakers

Product Description
- Exceptionally precise temperature control.
- Alarm alerts operator in case of low water level.
- Temperature range of 5°C above ambient to 65°C.
- Prevent heat loss and minimize evaporation with use of optional covers.
- Choice of analog or digital operating systems.
- Five year warranty on parts, one year labor and *LIFETIME* on drive mechanism.

Operation
- Triple eccentric drive that handles heavy loads, provides uniform agitation and enables continuous 24-hour operation, even at high speeds.
- Monitored and controlled temperature with accuracy of ±0.2°C at 37°C in flask.

Analog Operating System
- Variable speed control from 40 to 400 rpm, controlled by a rotary dial.
- Integrated tachometer monitors and displays speed in rpm to guarantee an accurate setting.
- Easy-to-read LED digital temperature display.
- Operate shaker in continuous mode or set timer from 1 to 60 minutes.

Digital Operating System
- Variable speed control from 15 to 500 rpm.
- Continuous and timed operation from 0.1 hour up to 999 hours or 0.1 minute to 999 minutes.
- View speed, operating time and temperature simultaneously on three individual LED displays.
- Visual/audible alarms alert you to temperature deviations and low water levels. Heat turns off if temperature deviates ±1°C of setpoint.
- Shaker shutdown and visual/audible alarms signal if unit operates ±10% of set speed, preventing shaker from walking.
- User-adjustable speed calibration can be performed using a digital handheld tachometer, where verification is required and protocols can be standardized.
- Unbalanced load sensor stops platform motion when excess vibration is detected and visual/audible alarms signal until condition is corrected.
- Soft start feature eliminates sudden starts and stops, splashing of vessel contents or wetting of flask closure.
- Retains parameters during power failure and restarts automatically after power is restored.

Safety
- Over-temperature safety feature with independent thermostat provides additional backup by controlling heat if main temperature controller fails.

Applications
- Cell culture
- Solubility studies
- Extraction procedures
- Diagnostic tests
- General mixing
- Bacterial suspensions
- Staining and destaining
- Washing procedures
- Hybridization

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Thermo Scientific MaxQ 7000

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Orbit Speed Range (rpm)	Diameter In. (cm)	Maximum Load Lb. (kg)	Temperature Range and Accuracy*	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
Water-Bath Shaker—Analog									
SHKA7000[1, 3]	40–400	0.50 (1.27)	35 (15.9)	5°C Above Ambient to 65°C; ±0.2°C at 37°C in Flask	25 (63.5)	21.5 (54.6)	18 (45.7)	120V, 50/60 Hz	107 (48.5)
SHKA7000-1CE[1, 2, 3]	40–400	0.50 (1.27)	35 (15.9)	5°C Above Ambient to 65°C; ±0.2°C at 37°C in Flask	25 (63.5)	21.5 (54.6)	18 (45.7)	240V, 50/60 Hz	107 (48.5)
Water-Bath Shaker—Digital									
SHKE7000[1, 3]	15–500 ±1 rpm	0.50 (1.27)	35 (15.9)	5°C Above Ambient to 65°C; ±0.2°C at 37°C in Flask	25 (63.5)	21.5 (54.6)	18 (45.7)	120V, 50/60 Hz	107 (48.5)
SHKE7000-1CE[1, 2, 3]	15–500 ±1 rpm	0.50 (1.27)	35 (15.9)	5°C Above Ambient to 65°C; ±0.2°C at 37°C in Flask	25 (63.5)	21.5 (54.6)	18 (45.7)	240V, 50/60 Hz	107 (48.5)

[1] CUL, [2] CE, [3] UL
*Stainless-steel cover required to obtain higher temperatures of 90°C.

Accessories

UNIVERSAL PLATFORM

Cat. No.	Description
30105	11" x 13" (27.9 x 33 cm)

ACCESSORIES

Cat. No.	Description
SHK7000-37	Cooling Coil for Near-Ambient Temperature and Below
SHK7000-30	Stainless-Steel Gable Cover for Temperatures up to 90°C
SHK7000-32	Plexiglas™ Gable Cover for Temperatures up to 65°C
SHK7000-35	Plexiglas™ Gassing Hood for Addition of CO_2 into the Chamber
SHK7000-40	Four Auxiliary Platform Suspension Arms for Rapid Platform Changes
SHK7000-45	Movable Dolly for Under Lab Bench Operation
SHK7000-48	Mobile Cart

CLAMPS FOR UNIVERSAL PLATFORM

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform 11 x 13 in. (27.9 x 33 cm)
30175	Microplate/Deep Well Plate	5
30150BI	10-ml Flask	60
30151	25-ml Flask	60
30152BI	50-ml Flask	30
30153	125-ml Flask	13
30154BI	250-ml Flask	9
30155	300-ml Flask	7
30156BI	500-ml Flask	6
30157BI	1-L Flask	4
30158	2-L Flask	1
30159	4-L Flask	1
30160	6-L Flask	1
30161	2500-ml Low Form Culture Flask	1
30162	2800-ml Fernbach Flask	1

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 11 x 13 in. (27.9 x 33 cm)
30180BI	10–13 mm, Red, 6 x 12 Array	3
30182[1]	14–16 mm, Orange, 6 x 12 Array	2
30184	17–20 mm, White, 4 x 10 Array	3
30186	21–25 mm, Blue 4 x 10 Array	2
30188[2]	26–30 mm, Green, 3 x 8 Array	2
30190	Microcentrifuge, 1.5 ml, Blue, 8 x 12 Array	2

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-mil centrifuge tubes.

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform 11 x 13 in. (27.9 x 33 cm)
30181	10–13 mm, Red, 6 x 6 Array	6
30183[1]	14–16 mm, Red, 6 x 6 Array	4
30185	17–20 mm, White, 4 x 5 Array	4
30187	21–25 mm, Blue 4 x 4 Array	4
30189[2]	26–30 mm, Green, 3 x 3 Array	6
30191	Microcentrifuge, 1.5 ml, White, 4 x 6 Array	4

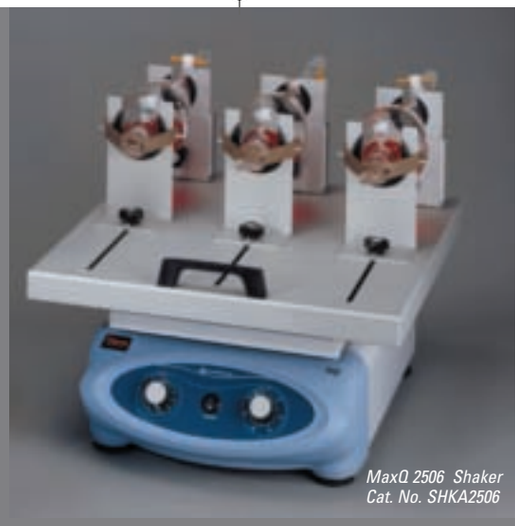
[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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MaxQ 2508 Shaker
Cat. No. SHKA2508



MaxQ 2506 Shaker
Cat. No. SHKA2506

Note: MaxQ 2506 is not CE certified

Thermo Scientific Dual Action Orbital and Reciprocating Shakers

Choose Between Single Action Reciprocating or Dual Action Orbital/Reciprocating Shakers

Dual-Action Orbital/Reciprocating and Reciprocating Features

- Choice of three platforms increases capacity.
- Affordably priced.
- Variable speed control.
- Built-in timer for repeatable results.
- 24-month warranty.

Dual-Action Orbital/Reciprocating Features

- Ideal for growing bacteria, dissolution studies, staining of electrophoresis gels and extractions.
- Provides "back-and-forth" motion or circular orbital motion for versatility to cover a wide range of applications.
  – Fixed stroke length of 0.4 in. (1.2 cm).
  – Fixed circular orbit of 0.4 in. (1.2 cm).

Reciprocating Features

- Ideal for extractions, mixing blood samples and silver staining of polyacrylamide gels.
- Provides "back-and-forth" motion with an adjustable stroke length of 0.5 to 1.5 in. (1.2 to 3.8 cm).

Operation

- Operates in temperature ranges of 4 to 40°C and humidity conditions of 20 to 80% non-condensing, enabling them to be used in incubators, warm rooms, environmental chambers and refrigerators.
- Interchangeable 11 x 13 in. (27.9 x 33 cm); 18 x 18 in. (45.7 x 45.7 cm) or 18 x 24 in. (45.7 x 60.1 cm) shaking platforms are available to accommodate a variety of labware. (See Accessories.)
- On dual-action models, control lever changes shaking motion while unit is stationary or in operation.

Analog Operating System

- Variable speed control from 40 to 400 rpm (for dual action) and from 10 to 250 rpm (for reciprocating).
- Operate in continuous mode or set timer from 1 to 60 minutes.
- Metal-locking tab on the speed-control knob prevents speed from increasing or decreasing if control knob is mistakenly bumped.
- Load capacity is 15 lb. (6.8 kg).

Tiered Blood Bag Platform

- A five-tier aluminum platform assembly measuring 13L x 11W x 14H in. (33 x 27.9 x 35.6 cm).
- Distance between platforms is 3.25 in. (8.26 cm.)
- Each of the five platforms is equipped with a white ribbed vinyl mat.
- Mix contents of 10 x 10 in (25.4 x 25.4 cm) bags of platelets used in platelet phoresis applications.



Five-Tier Blood Bag Platform
Cat. No. 3523-51

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Thermo Scientific Dual-Action Orbital and Reciprocating Shakers

Ordering information

For a complete system order: 1. Shaker 2. Platform 3. Clamps

Cat. No.	Description	Speed Range (rpm)	Orbit Diameter In. (cm)	Maximum Load Lb. (kg)	Overall Dimensions In. (cm) Length	Width	Height	Power	Shipping Weight Lb. (kg)
SHKA2508[1,3]	Dual-Action Orbital & Reciprocating Shaker	40–400	0.4 (1.2)	15 (6.8)	17.4 (44.2)	13.5 (34.3)	7 (17.8)	120V 50/60 Hz	38 (17.2)
SHKA2508-1CE[1,2,3]	Dual-Action Orbital & Reciprocating Shaker	40–400	0.4 (1.2)	15 (6.8)	17.4 (44.2)	13.5 (34.3)	7 (17.8)	240V 50/60 Hz	38 (17.2)
SHKA2506[1,3]	Reciprocating Shaker	10–250	Adjustable from 0.5–1.5 (1.2–3.8)	15 (6.8)	17.4 (44.2)	13.5 (34.3)	7 (17.8)	120V 50/60 Hz	27 (12.3)
SHKA2506-1[1,3]	Reciprocating Shaker	10–250	Adjustable from 0.5–1.5 (1.2–3.8)	15 (6.8)	17.4 (44.2)	13.5 (34.3)	7 (17.8)	240V 50/60 Hz	27 (12.3)

[1] CUL, [2] CE, [3] UL

Accessories

DEDICATED PLATFORMS

Cat. No.	Description	Platform Size In. (cm)
3523-39	Dedicated Separatory Funnel Platform 500 ml to 2 L (holds 2 funnels)	11 x 13 (27.9 x 33)
3524-49	Dedicated Separatory Funnel Platform 500 ml to 2 L (holds 3 funnels)	18 x 18 (45.7 x 45.7)
3523-51	Five-Tier Blood Bag Platform	13L x 11W x 14H (33 x 27.9 x 35.6)

UNIVERSAL PLATFORMS

Cat. No.	Description
30100	11" x 13" (27.9 x 33 cm)
30110	18" x 18" (45.7 x 45.7 cm)
30106	18" x 24" (45.7 x 60.9 cm)

CLAMPS FOR UNIVERSAL PLATFORMS

Cat. No.	Vessel Size	Maximum No. of Vessels per Platform (in.) 11 x 13	18 x 18	18 x 24
30175	Microplate/ Deep Well Plate	5	10	15
30150BI	10-ml Flask	60	113	157
30151	25-ml Flask	60	64	80
30152BI	50-ml Flask	30	32	40
30153	125-ml Flask	13	32	40
30154BI	250-ml Flask	9	16	23
30155	300-ml Flask	7	16	20
30156BI	500-ml Flask	6	16	20
30157BI	1-L Flask	4	9	10
30158	2-L Flask	1	6	4
30161	2500-ml Low Form Culture Flask	1	1	2
30162	2800-ml Fernbach Flask	1	4	4

TEST-TUBE RACKS—FULL SIZE

Cat. No.	Vessel Size	No. of Racks per Platform (in.) 11x13	18x18	18x24
30180BI	10–13 mm, Red, 6 x 12 Array	3	6	8
30182[1]	14–16 mm, Orange, 6 x 12 Array	2	4	6
30184	17–20 mm, White, 4 x 10 Array	3	5	6
30186	21–25 mm, Blue, 4 x 10 Array	2	3	4
30188[2]	26–30 mm, Green, 3 x 8 Array	2	4	6
30190	Microcentrifuge, 1.5-ml, Blue, 8 x 12 Array	2	5	6

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

TEST-TUBE RACKS—HALF SIZE

Cat. No.	Vessel Size	No. of Racks per Platform (in.) 11x13	18x18	18x24
30181	10–13 mm, Red, 6 x 6 Array	6	12	15
30183[1]	14–16 mm, Red, 6 x 6 Array	4	6	8
30185	17–20 mm, White, 4 x 5 Array	4	8	13
30187	21–25 mm, Blue, 4 x 4 Array	4	6	9
30189[2]	26–30 mm, Green, 3 x 3 Array	6	9	12
30191	Microcentrifuge, 1.5-ml, White, 4 x 6 Array	4	8	10

[1] Fits 15-ml centrifuge tubes. [2] Fits 50-ml centrifuge tubes.

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