

## *Shaking Incubators*



## SciQuip Incu-Shake MINI, MIDI & MAXI

- Powerful triple eccentric drive
- Heated and cooled versions (MAXI)
- User-friendly control and LCD display
- Large, easy-to-read LCD display
- Timer from 1 min to 500 hrs, continuous
- Soft start with smooth acceleration
- Auto restart following power interruption
- Capacity up to 9 x 500ml or 5 x 1000ml

### Flask Capacity

Maximum capacity no. flasks	Incu-Shake MINI	Incu-Shake MIDI	Incu-Shake MAXI
50ml	9	18	23
100ml	9	18	23
250ml	5	10	12
500ml	-	9	9
750ml	-	5	7
1000ml	-	4	5

	Incu-Shake MINI	Incu-Shake MIDI	Incu-Shake MAXI
96-Well Plate Clamps	4	6	7
Test Tube Racks	1	2	2



*SciQuip Incu-Shake MINI*



*SciQuip Incu-Shake MIDI*



*Inner Chamber (Mini)*

### Technical Specifications

Model	Incu-Shake MINI	Incu-Shake MIDI	Incu-Shake MAXI
Temperature range (°C)	ambient +5 to +60	ambient +5 to +60	Cooled 4 to 60
Temperature uniformity (°C)	+/- 1	+/- 1	+/- 0.5
Shaking speed (rpm)	30 to 600	30 to 600	30 to 600
Timer	1 min to 500hrs, continuous	1 min to 500hrs, continuous	1 min to 500hrs, continuous
Drive	Orbital triple eccentric	Orbital triple eccentric	Orbital triple eccentric
Oscillation amplitude (mm)	0 to 50 stepless adjustable	0 to 50 stepless adjustable	0 to 50 stepless adjustable
Platform size (mm)	280 x 220	340 x 370	400 x 370
Dimensions (mm)	440 x 410 x 390	600 x 580 x 510	730 x 685 x 555
Weight (kg)	54	94	132
Power V/Hz	220-230 50/60	220-230 50/60	220-230 50/60
Warranty	2yrs	2yrs	2yrs

## SciQuip Incu-Shake FL Series

- High capacity double platform
- Powerful triple eccentric drive
- Heated and cooled versions
- Large, easy-to-read LCD display
- Run-end and set-point deviation alarms
- Soft start with smooth acceleration
- Power recovery auto restart following power interruption
- Capacity up to 52 x 500ml, 36 x 100ml



SciQuip Incu-Shake FL 36-1R



SciQuip Incu-Shake FL 24-1R

### Flask Capacity

Maximum capacity no. flasks	Incu-Shake FL 18-750/FL 18-750R	Incu-Shake FL 24-1/FL 24-1R	Incu-Shake FL 36-1/FL 36-1R
50ml	56	104	164
100ml	56	104	164
250ml	38	56	90
500ml	22	44	74
750ml	18	30	52
1000ml	6*	24	36
2000ml	6*	8*	15*
3000ml	3*	6*	8*
5000ml	1*	2*	6*

\* – Mounted on the bottom platform with the top platform removed.

### Technical Specifications

Model	Incu-Shake FL 18-750/FL 18-750R	Incu-Shake FL 24-1/FL 24-1R	Incu-Shake FL 36-1/FL 36-1R
Temperature range (°C) ambient +5 to +60	ambient +5 to +60	ambient +5 to +60	ambient +5 to +60
Temperature range Cooled (R) model (°C)	+4 to +60	+4 to +60	+4 to +60
Temperature uniformity (°C)	+/- 1	+/- 1	+/- 0.5
Shaking speed (rpm)	30 to 300	30 to 300	30 to 300
Shaking precision (rpm)	+/- 1	+/- 1	+/- 1
Timer	1 min to 500hrs, continuous	1 min to 500hrs, continuous	1 min to 500hrs, continuous
Drive	Multi-dimension	Multi-dimension	Multi-dimension
Oscillation amplitude (mm)	26	26	35
Platform size (mm)	496 x 350	734 x 458	970 x 560
Dimensions (mm)	720 x 630 x 1275	950 x 710 x 1370	1200 x 820 x 1600
Weight (kg)	150/165(R)	225/235(R)	425/456(R)
Power V/Hz	220 50/60	220 50/60	220 50/60
Warranty	2yrs	2yrs	2yrs

## SciQuip Incu-Shake TL Series

- Powerful triple eccentric drive
- Heated and cooled versions
- User-friendly control & large LCD
- Run-end and set-point deviation alarms
- Soft start with smooth acceleration
- Power recovery auto restart following power interruption
- Large viewing window
- Foot pedal lid opening (TLF 6-5 & TLF 6-5R)
- Capacity up to 22 x 1000ml, 12 x 2000ml, 6 x 5000ml



### Flask Capacity

Maximum capacity no. flasks	Incu-Shake TL15-1/TL15-1R	Incu-Shake TL6-5/TL6-5R	Incu-Shake TLF 6-5/TLF 6-5R	Incu-Shake TL70 6-5/TL70 6-5R
50ml	64	82	82	54
100ml	64	82	82	54
250ml	40	45	52	35
500ml	28	33	38	24
750ml	23	24	26	15
1000ml	15	15	22	15
2000ml	-	11	12	8
3000ml	-	8	11	6
5000ml	-	6	6	6

### Technical Specifications

Model	Incu-Shake TL15-1/TL15-1R	Incu-Shake TL6-5/TL6-5R	Incu-Shake TLF 6-5/TLF 6-5R	Incu-Shake TL70 6-5/TL70 6-5R
Temperature range (°C)	ambient +5 to +60	ambient +5 to +60	ambient +5 to +60	ambient +5 to +60
Temperature range Cooled (R) model (°C)	+4 to +60	+4 to +60	+4 to +60	+4 to +60
Temperature uniformity (°C)	+/- 1	+/- 1	+/- 0.5	+/- 0.5
Shaking speed (rpm)	30 to 300	30 to 300	30 to 300	30 to 150
Shaking precision (rpm)	+/- 1	+/- 1	+/- 1	+/- 1
Timer	1 min to 500hrs, continuous	1 min to 500hrs, continuous	1 min to 500hrs, continuous	1 min to 500hrs, continuous
Drive	Multi-dimension	Multi-dimension	Multi-dimension	Multi-dimension
Oscillation amplitude (mm)	26	26	26	70
Door open	Manual	Manual	Foot activated	Manual
Platform size (mm)	920 x 500	920 x 500	940 x 584	770 x 500
Dimensions (mm)	1200 x 740 x 800	1200 x 740 x 1000	1260 x 830 x 1000	1090 x 690 x 940
Weight (kg)	200/214(R)	213/228(R)	298/313(R)	208
Power V/Hz	220 50/60	220 50/60	220 50/60	220 50/60
Warranty	2yrs	2yrs	2yrs	2yrs

## SciQuip Stackable Incubated Shaker

- ◆ High capacity, minimum footprint
- ◆ Temp Range: 4°C to 60°C
- ◆ Front loading, fold down doors with slide-out platform
- ◆ Create custom run programmes (up to 9 segments with cycling)
- ◆ Power recovery auto restart following power interruption
- ◆ Large, Touch-Screen display
- ◆ Timer from 1 min to 9999 min & continuous
- ◆ Heating and refrigeration as standard
- ◆ Run-end and set-point deviation alarms
- ◆ Soft start with smooth acceleration
- ◆ Mirror polished stainless steel chamber
- ◆ Maintenance free brushless motors
- ◆ Internal chamber lighting
- ◆ Large viewing window



### Ordering Info

Part Number	Description
SQ-4250	FL8-2 - Single Stack supplied with Tall Stand – Roll Out Platform
SQ-4252	FL16-2 - Double Stack supplied with Short Stand – Roll Out Platform
SQ-4254	FL24-2 - Triple Stack supplied with Short Stand – Roll Out Platform

### Flask Clamp Capacities

Flask Capacity	Total Number, 1 level	Total Number, 2 level	Total Number, 3 level
50ml	50	100	150
100ml	50	100	150
250ml	32	64	96
500ml	26	52	78
750ml	20	40	60
1000ml	14	28	42
2000ml	8	16	24

### Technical Specifications

Controller	5.6" LCD Touch Screen
Control Mode	Continuous or User Programme (9 segment with cycling)
Air Convection	Forced air circulation
Shaking motion	Orbital (1 – 50 mm Stepless Adjustable)
Shaking Speed	0 – 300 rpm
Chamber Volume	190 L per level
Temperature Range	4 – 60 °C
Temperature Uniformity	± 1 °C @ 37 °C
Timer	1 min- 500 hours
Platform (each)	800 x 430 mm
Footprint	1300mm wide x 950mm deep 250kg per level
Power	240V 50/60Hz - 1.2kW per level





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