

TT-60-SI/TT-60-SIL/TT-60-MSI/TT-60-RSI InQShake Shaking Incubator

HIGHLIGHTS

- Large LED display for speed, temperature and time setting
- Microprocessor controls for temperature and speed
- Wide-angled cover lid enables easy sample loading and unloading
- Units stops automatically when cover lid is lifted
- Audio alarm sounds when time reaches zero
- Independent temperature alarm system, heating function off when temperature exceed limit
- Maintenance-free, brushless DC motor permits a long service life
- Unique speed control feature helps to prevent sudden start to eliminate splashing of vessel contents
- Adjustable fan speed eliminates sample evaporation
- Temperature setting range from 4-60°C (TT-60-RSI)
- Larger capacity model TT-60-SIL is available to accommodate more vessels (up to 4 x 2L vessels)



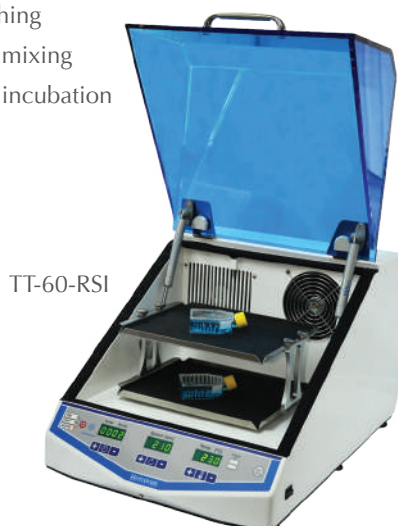
TT-60-SI

APPLICATIONS

- Growing cell cultures
- Bacterial suspensions
- Extracting tissue samples
- Solubility studies
- Staining/ destaining
- Gel washing
- General mixing
- General incubation



TT-60-SIL



TT-60-RSI



TT-60-MSI

Versatile and accurate temperature control for sample mixing, incubation and cultivation

TT-60-SI/ TT-60-SIL/ TT-60-MSI/ TT-60-RSI InQShake Shaking Incubators are benchtop shaking incubators designed for mixing, incubation and cultivation of biological liquids according to set programme in a tightly sealed growth chamber. These units feature large LED display for speed, temperature and timer. Built-in microprocessor controls for temperature and speed adjustment enable smooth and stable temperature control and shaking function. A wide variety of interchangeable platforms allows for operation with different shapes and sizes of common lab vessels. The TT-60-SIL InQShake Shaking Incubator is designed to accommodate larger capacity while still taking minimum space.

TT-60-MSI InQShake Microplate Shaking Incubator is ideal for mixing cultures or samples on microplates, with speed range between 200-1200 rpm and tight horizontal orbit 3mm. This feature enables efficient mixing for small vessels such as microplates. The platform will safely accommodate up to 4 microplates (full skirt 96-well/384-well) and cell culture plates (24-well, 48-well, 96-well) in secure positions.

TT-60-RSI InQShake Refrigerated Shaking Incubator is a refrigerated shaking incubator for cultures and applications that require lower temperature. The temperature can be controlled from 4-60°C with low noise to avoid disturbance in the lab.

TECHNICAL DATA

	TT-60-SI Shaking Incubator	TT-60-SIL Shaking Incubator	TT-60-MSI Microplate Shaking Incubator	TT-60-RSI Refrigerated Shaking Incubator
Speed control range	50-300 rpm	50-300 rpm	200-1200 rpm	50-300 rpm
Orbit	20mm (circle)	20mm (circle)	3mm (horizontal)	20mm (circle)
Temperature control range	R.T. + 5 - 60°C	R.T. + 5 - 60°C	R.T. + 5 - 60°C	4-60°C @ RT ≤25°C
Temperature setting range	5 - 60°C	5 - 60°C	5 - 60°C	4 - 60°C
Temperature display accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Temperature stability at 37°C	≤±0.3°C	≤±0.3°C	≤±0.3°C	≤±0.3°C
Digital time setting	1 min – 99h 59min or continuous	1 min – 99h 59min or continuous	1 min – 99h 59min or continuous	1 min – 99h 59min or continuous
Digital display	LED display	LED display	LED display	LED display
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
Plexiglass thickness	8 mm	8 mm	8 mm	8 mm
Voltage	AC 110V/ AC 220V, 50/60Hz	AC 110V/ AC 220V, 50/60Hz	AC 110V/ AC 220V, 50/60Hz	AC 110V/ AC 220V, 50/60Hz
Power	400W	600W	400W	600W
Fuse	250V, 3A/5A, Ø5x20	250V, 5A/10A, Ø5x20	250V, 3A/5A, Ø5x20	250V, 5A/10A, Ø5x20
Dimension (WxDxH)	360 x 435 x 320mm	514 x 660 x 430mm	360 x 435 x 320mm	385 x 560 x 320mm
Net weight	18.7 kg	44.2 kg	18.7 kg	18.7 kg
Permissible ambient temperature	4 – 45°C	4 – 45°C	4 – 45°C	4 – 45°C
Permissible relative humidity	≤70°C	≤70°C	≤70°C	≤70°C
Platform	Refer Optional Accessories	Platform TT-PW-420	Platform TT-PW-1500	Refer Optional Accessories

For research use only. Not for use in diagnostic purposes. All images are for illustration purpose only, actual products might differ from the pictures above. Subject to technical changes.

ORDERING INFORMATION

Cat. No.	Shaking Incubator
TT-60-SI-110V	InQShake Shaking Incubator TT-60-SI, 50-300 rpm, R.T. +5-60°C, 20 mm, AC 110V
TT-60-SI-220V	InQShake Shaking Incubator TT-60-SI, 50-300 rpm, R.T. +5-60°C, 20 mm, AC 220V
TT-60-SIL-110V	InQShake Shaking Incubator TT-60-SIL, 50-300 rpm, R.T. +5-60°C, 20 mm, AC 110V
TT-60-SIL-220V	InQShake Shaking Incubator TT-60-SIL, 50-300 rpm, R.T. +5-60°C, 20 mm, AC 220V
TT-60-MSI-110V	InQShake Microplate Shaking incubator TT-60-MSI, 200-1200 rpm, R.T. +5-60°C, 3 mm, AC 110V
TT-60-MSI-220V	InQShake Microplate Shaking incubator TT-60-MSI, 200-1200 rpm, R.T. +5-60°C, 3 mm, AC 220V
TT-60-RSI-110V	InQShake Refrigerated Shaking Incubator TT-60-RSI, 50-300 rpm, 4-60°C, 20 mm, AC 110V
TT-60-RSI-220V	InQShake Refrigerated Shaking Incubator TT-60-RSI, 50-300 rpm, 4-60°C, 20 mm, AC 220V

Cat. No.	Accessories
TT-UP-12	Universal platform with adjustable bars
TT-P6-250	Platform with clamps for 250-300 ml flasks
TT-P12-100	Platform with clamps for 100-150 ml flasks
TT-PP4	Flat platform with non-slip rubber mat
TT-PP4A	Two-level flat platform with non-slip rubber mat
TT-UP-260	Universal platform with spring
TT-SPD-GS	Sticky Pad for platform TT-PP4 or TT-PP4A
TT-PW-1500	Platform for TT-60-MSI (4 position microplates)



OPTIONAL ACCESSORIES



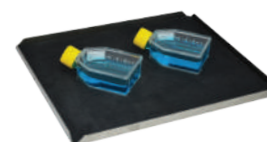
TT-UP-12



TT-P6-250



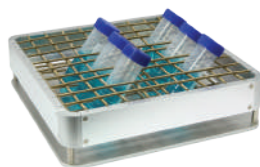
TT-P12-100



TT-PP4



TT-PP4A



TT-UP-260



TT-SPD-GS

SPECIFIC ACCESSORIES



TT-PW-1500
280 x 214 x 13mm
(for TT-60-MSI only)



TT-PW-420
410 x 420 x 65mm
(for TT-60-SIL only)