



MIR-H263-PE

## MIR

Heated Incubators

MIR-H163-PE | MIR-H263-PE

93 L / 153 L

### Intuitive and easy operable Heated Incubators

MIR Heated Incubators provide a precise and stable incubation environment for a wide range of applications including biological research and environmental studies.

### Precise & Stable Environment

Microprocessor PID control and an Air Jacket System give precise temperature control within the chamber. Temperature accuracy is within  $\pm 0.2^{\circ}\text{C}$  and temperature uniformity is within  $\pm 1.0^{\circ}\text{C}$  (at set temperature  $37^{\circ}\text{C}$ ).

### Various Operating Patterns

An accurate micro-processor timer control allows experiments of up to 99 hours and 59 minutes. Delayed start times can be set as desired. Various operating patterns can be set using the display panel.

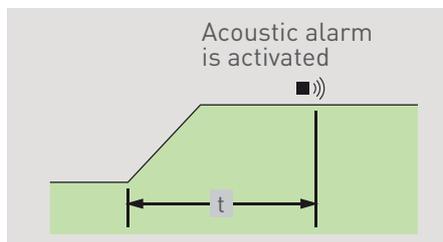
### User-Friendly Design

A LED control panel with touch keyboard displays temperature and time, and allows easy setting of parameters. A stainless steel interior makes the cabinet durable and easy to maintain and clean.



### Variable Experiments

MIR heated incubators offer an environment for a wide range of applications including biological research and environmental studies.



### Accurate Experiments

When an experiment is complete, a buzzer will sound and samples will be stored at a set temperature until removed.



### Temperature control

MIR Heated Incubators allow incubation at a range of temperatures, from  $5^{\circ}\text{C}$  above ambient temperature up to  $80^{\circ}\text{C}$ .

# MIR Heated Incubators



MIR-H163-PE

## Microprocessor PID control and Air Jacket system

Microprocessor PID control and an air jacket system give precise temperature control within the chamber. Temperature accuracy is within  $\pm 0.2^{\circ}\text{C}$  and temperature uniformity is within  $\pm 1.0^{\circ}\text{C}$  [at set temperature  $37^{\circ}\text{C}$ ].

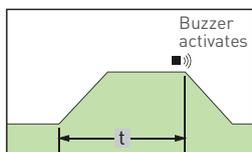
## Microprocessor timer function

An accurate microprocessor timer control allows experiments of up to 99 hours and 59 minutes. Delayed start times can be set as desired. When an experiment is complete, a buzzer will sound and samples will be stored at a set temperature until removed. Various operating patterns can be set using the display panel.

## Timer set patterns

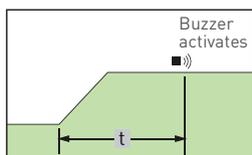
### Automatic stop function

Heater will turn off after a set operation is over.



### Notice only function

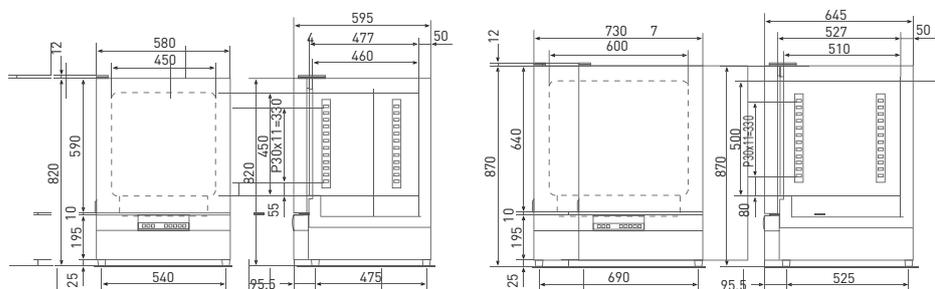
Continues operating after a set operation is complete.



Model Number		MIR-H163-PE	MIR-H263-PE
External Dimensions (W x D x H) <sup>1)</sup>	mm	580 x 595 x 820	730 x 645 x 870
Internal Dimensions (W x D x H)	mm	450 x 460 x 450	600 x 510 x 500
Volume	liters	93	153
Net Weight	kg	50	67
<b>Performance</b>			
Temperature Control Range & Fluctuation	$^{\circ}\text{C}$	Ambient temp +5 - +80	
Fluctuation	$^{\circ}\text{C}$	$\pm 0.2$ ( $\leq 60$ - $\pm 0.5$ (60 - 80))	
Temperature Uniformity <sup>2)</sup>	$^{\circ}\text{C}$	$\pm 1$	
<b>Control</b>			
Temperature Sensor		Thermistor	
Display		LED	
<b>Construction</b>			
Exterior Material		Painted Steel	
Interior Material		SS SUS-304	
Insulation material		Glass fibre	
Outer Door	qty	1	
Inner Door	qty	1	
Shelves	qty	2	3
Max. Load per Shelf	kg	15	15
Max. total load	kg	30	30
<b>Alarms</b> (R = Remote Alarm, V = Visual Alarm, B = Buzzer Alarm)			
Out of temperature setting		V-B	
High Temperature		V-B	
<b>Electrical and Noise Level</b>			
Power Supply	V	230	
Frequency	Hz	50	

Appearance and specifications are subject to change without notice.

<sup>1)</sup> Exterior dimensions of main cabinet only, excluding handle and other external projections - See dimensions drawings on website for full details  
<sup>2)</sup> Ambient temp.  $20^{\circ}\text{C}$ , set temperature  $37^{\circ}\text{C}$



MIR-H163-PE - 93 LITRES

MIR-H263-PE - 153 LITRES

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