

# Microtitration

## Microplate Incubator



- ◆ Temperature range ambient +8 to +80°C
- ◆ Capacity up to 48 x 96-well microplates
- ◆ Forced air circulation
- ◆ Dry or humid incubation
- ◆ Upward opening door

<i>Model</i>	SI19
<i>Temperature range</i> °C	Amb. +8 to +80
<i>Working capacity</i> litres	20
<i>Temperature variation*</i> °C	±0.5
<i>Temperature fluctuation*</i> °C	±0.5
<i>Shelves supplied</i>	4
<i>Dimensions, W x D x H</i>	
<i>internal, mm</i>	250 x 230 x 200
<i>external, mm</i>	380 x 380 x 435
<i>Weight</i> kg	24
<i>Power rating</i> W	280
<i>Voltage requirements</i>	230V 50Hz single phase supplies

\*At +37°C.

A dedicated microtitration plate incubator. Up to 48 x 96-well plates can be accommodated in total, evenly distributed onto four pull-out stainless steel shelves, one or two layers deep. Close, even temperature control is maintained throughout the chamber by forced circulation of preheated air from one side to the other across the plates. It is then ducted back between the chamber and outer case and returned to the fan. When filled with 24 x 96-well plates evenly distributed and at a temperature setting of +37°C, variation of temperature between shelves is maintained to within ±0.5°C and fluctuation to within ±0.5°C. A removable stainless steel tray in the chamber base may be filled with water to increase humidity. The 10mm thick, clear acrylic door opens upwards. For 230V 50Hz single phase supplies.

**MN720-40** SI19



**MN720-40 in use**

## Microplate Shaking Incubator



- ◆ Temperature range ambient +7 to +60°C
- ◆ Shaking speed 250 to 1250rpm with a 1.5mm orbit and 10rpm setting increments
- ◆ Timer from 1 second to 9 days with alarm and switch-off of shaking at end of timed period
- ◆ Dry or humid incubation
- ◆ Separate heat and shaking controls
- ◆ Retractable shaking platform for easy access
- ◆ Holds 4 x microplates or 2 x accessory tube racks
- ◆ USB communications port for long-term monitoring of processes

<i>Model</i>	SI505
<i>Temperature range</i> °C	Amb. +7 to +60
<i>Temperature variation*</i> °C	0.6
<i>Temperature fluctuation*</i> °C	±0.5
<i>Orbital speed range</i> rpm	250 to 1250 x 10
<i>Temperature range</i> °C	Amb. +7 to +60
<i>Timer range</i>	1 second to 9 days
<i>Platform</i> mm	220 x 220
<i>Capacity</i>	4 x microplates or 2 x accessory tube racks
<i>Dimensions, W x D x H</i>	
<i>internal, mm</i>	307 x 300 x 190
<i>external, mm</i>	361 x 405 x 430
<i>Weight</i> kg	22.5
<i>Power rating</i> W	250
<i>Voltage requirements</i>	230V 50Hz single phase supplies

\*At +37°C.

As described. With retractable platform, separate heater and shaker controls, water trays for humid operation and USB monitoring port. For 230V 50Hz single phase supplies.

**MN720-60** SI505

### Accessory Holders

- SE788-04** SSM5/1 for 50 x 1.5ml microtubes
- SE788-07** SSM5/2 for 50 x 0.5ml microtubes
- SE788-09** SSM5/3 for 50 x 0.2ml microtubes



**MN720-60 in use with accessories**