

# Cole-Parmer®

## Cole-Parmer® Stuart™ Microplate Shaking Incubator - SI-200

- Incubator with shaker
- Ideal for microplates and microtubes
- Integrated timer
- Digital display for temperature and speed
- Optimised performance to minimise sample evaporation
- Retractable platform for easy loading and unloading
- Three year warranty





# Cole-Parmer® Stuart™ Microplate Shaking Incubator - SI-200

The Cole-Parmer® Stuart™ SI-200 incubators have specifically been designed for adequately mixing small volumes of liquids in a temperature-controlled environment. The high-speed shaking action at 250 and 1250rpm, with a tight orbit of 1.5mm, is ideal for microtitre plates and microtubes.

The units feature a microprocessor controller and an LED control panel that allow independent control of speed and temperature, as well as a timer that can be set for any duration from 1 second to 9 days. Careful control of the air distribution within the incubator ensures temperature uniformity, between +7°C to +60°C, throughout the sample chamber.

A retractable platform facilitates easier access to samples at the back of the incubator. During operation it remains securely locked in place. The non-slip mat ensures up to four microtitre plates can comfortably and securely be accommodated at the same time; tube racks for all common tube can sizes are also available for the units.

Strategically placed stainless steel water trays ensures up to 80% humidity, preventing sample evaporation and damage over extended periods of incubation. The built-in USB connection allows the units to be connected to a PC for long term temperature monitoring.

## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Microtitre plate shaker incubator	79520-10	SI-200	SIM-200D-M	SI505
Microtitre plate shaker incubator 120V/60HZ	79520-08	SI-200	SIM-200D-M-120	SI505/120/60
Microtitre plate shaker incubator with IQOQ document	79520-12	SI-200	SIM-200D-M	SI505/IQOQ

## Accessories

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Tube holder for 1.5ml tubes	51900-97	SI-200	N/A	SSM5/1
Tube holder for 0.5ml tubes	51900-98	SI-200	N/A	SSM5/2
Tube holder for 0.2ml tubes	51900-99	SI-200	N/A	SSM5/3

## Technical Specification

Specification	SI-200
Temperature range	Ambient + 7°C to 60°C
Samples	4 x Microtitre plate or 2 x microtube racks
Temperature display resolution	0.1°C
Temperature fluctuation	± 0.5°C at 37°C
Temperature variation	<0.6°C at 37°C
Temperature precision	± 0.5°C at 37°C
Speed range	250 to 1250rpm
Speed control	Digital set in 10rpm increments
Timer	min/sec, hour/min, days/hours
Orbit diameter, mm	1.5
Platform size, mm	220 x 220
Relative humidity	~80% (using water trays)
Internal dimensions, mm (w x d x h)	307 x 300 x 190
Maximum load, kg	1
Overall dimensions, mm (w x d x h)	361 x 405 x 430
Net weight, kg	22.5
Heater power, W 200W	200W
Electrical supply	230V, 50Hz, 250W
IP Rating	31



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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