

MS-100 / MSC-100

Thermo Shaker Incubator

MS-100 / MSC-100 thermo shaker incubator designed for simultaneous heating, cooling and mixing of small samples. Both of them can be supplied with interchangeable blocks for microtubes.



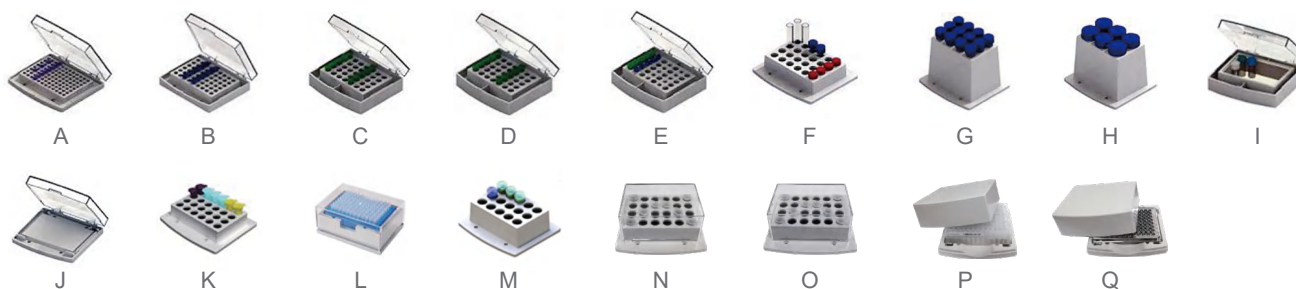
MS-100

MSC-100

Features

- Power failure self-recovery function, the device can automatically resume operation according to the originally set procedure after power failure recovery.
- Besides heating, MSC-100 has refrigeration function to meet the needs of different users.
- Timing function, freely set the incubation time within 0~100 hours.
- Various standard sample blocks are available, which is easy to be replaced.

MS Series Blocks



Specification

Model	MS-100	MSC-100
Temp. control range	RT. +5 °C~100 °C	0 °C~100 °C (AT. ≤20 °C) 4 °C~100 °C (AT. ≤25 °C) 10 °C~100 °C (AT. ≤30 °C)
Temp. uniformity	≤0.5 °C	≤0.5 °C
Timer range	1 min~99 h 59 min	1 min~99 h 59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Shaking speed	200-1500 rpm*	200-1500 rpm*
Heating time (40 ~ 100 °C)	≤10 min	≤15 min
Cooling time	/	≤20 min (AT. ≤20 °C: 20 °C~0 °C) ≤20 min (AT. ≤25 °C: RT. ~4 °C) ≤20 min (AT. ≤30 °C: RT. ~10 °C)
Mixing orbit	2 mm	2 mm
Dimension (mm)	300×220×170 mm	300×220×170 mm
Weight	7 kg	8.5 kg

*The upper limit of temperature and shaking speed shall be determined according to the block used

Ordering Information

Code	Product description
AS-02010-00	MS-100 thermo shaker incubator, AC 220 V / AC 120 V, 50 / 60 Hz, 150 W
AS-02020-00	MSC-100 thermo shaker incubator, AC 220 V / AC 120 V, 50 / 60 Hz, 250 W

MS-100 / MSC-100 Suitable Blocks

Code	Type	Description	Max. temp.	Max. speed
AS-01051-01	A	96×0.2 mL tube	100 °C	1500 rpm
AS-01051-02	B	54×0.5 mL tube	100 °C	1500 rpm
AS-01051-03	C	35×1.5 mL tube	100 °C	1500 rpm
AS-01051-04	D	35×2.0 mL tube	100 °C	1500 rpm
AS-01051-05	E	15×0.5 mL+20×1.5 mL tube	100 °C	1500 rpm
AS-01051-06	F	24×Dia.≤Φ12 mm tube	100 °C	1200 rpm
AS-01051-07	G	12×15 mL Falcon tube	100 °C	750 rpm
AS-01051-08	H	6×50 mL Falcon tube	100 °C	750 rpm
AS-01051-09	I	103×67×30 mm rectangular bath block	100 °C	1500 rpm
AS-01051-10	J	96×0.2 mL microplate	100 °C	1500 rpm
AS-01051-11	K	24×5 mL tube	100 °C	1200 rpm
AS-01051-12	L	96 deepwell microplate	80 °C	800 rpm
AS-01051-13	M.	15×5 mL Eppendorf tube	100 °C	1200 rpm
AS-01051-14	N	24×2 mL tube	100 °C	1200 rpm
AS-01051-15	O	24×1.5 mL tube	100 °C	1200 rpm
AS-01051-16	P	96×1000 μL deepwell plate	100 °C	1200 rpm
AS-01051-17	Q	MTPs deepwell plate	100 °C	1200 rpm