



LOM1-8043, LOM2-8043, LOM3-8043, Premium Stackable Shaking Incubators

Features:

- 5.6" LCD 640x480 touch screen panel clearly indicates all parameters in one page display.
- Fold-down door with door handle, and dedicated sliding shaking platform provide convenient access to your experiment products. Moreover, the top of the casing can be further used as a work area for locating small items of lab equipment etc.
- The incubator casing is made of heavy-gauge cold-rolled steel; together with high graded #304 stainless steel inner chambers with coved corners make it easy to clean with mild detergent.
- The unit can be upgraded with CO₂ and humidity control, with heated window glass to prevent condensation, perfect for cell culture.
- Heavy-duty, eccentric drive mechanism allows extended speed ranges from 30 to 300 rpm, ±1 rpm with minimized vibration, even when shakers are stacked of three high.
- Robust brushless AC motor enables shaking motion quiet and smooth, even when unit is operating at top speed with maximum workload.
- Non-volatile memory saves settings during a power outage and automatically restarts the unit after power is restored.
- Audible and visual alarms alert user of setpoint deviations. Audible alarm may be muted.
- Heater shuts off when high-temperature limit is exceeded. Shaker stops when excess vibration is detected or when door is opened.
- Interior chamber light enhances observation.
- Predrilled platform as standard configuration, flask clamps excluded.
- Please contact your local dealer for more information about humidity and CO₂ control options.

Descriptions:

MRC now can offer new space-saving incubator shakers. This LOM - Series shaker (touch screen) can be stacked up to three units high, providing laboratory professionals tripled culture capacity, while still only occupying the same "footprint" of a single shaker. All models feature an insulated, fold-down door with double-layer glass window for high visibility. On all refrigerating models, microprocessor controller provides unmatched versatility by enable users to create personalized program (with up to 9 segments, with cycling) to automate changes to function parameters.

Model	LOM1-8043	LOM2-8043	LOM3-8043
Control	200	250	250
Control Mode	Orbital	Orbital	Reciprocal
Control Panel	4 to 60°C	4 to 60°C	4 to 60°C
Air Convection	±0.1°C	±0.1°C	±0.1°C
Shaking Mode	≤ ±0.1°C@37°C		
Volume/ Compartment (L)	26	35	1 to 50 stepless
Working Temperature(°C)	30-300	30-300	30-240
Shaking speed (rpm)	734x458	970x560	940x580
Stroke (mm)	*Glass dimensions may reduce max. capacity		
Temperature Range (°C)	104	164	164
Temperature Accuracy (°C)	104	164	164
Temperature Uniformity (°C)	56	90	90
Timer	44	74	76
Tray (mm) (WxD)	30	52	48
No. Of Tray	24	36	44
Capacity	*Glass dimensions may reduce max. capacity		
50 ml	50	100	150
100 ml	50	100	150
250 ml	32	64	96
500 ml	26	52	78
750 ml	20	40	60
1000 ml	14	28	42
2000 ml	8	16	-
Inner dimen.	845Wx515Dx765H mm	1105Wx665Dx775H mm	
Exterior dimen.	950Wx710Dx1370H mm	1430Wx800Dx1660H mm	
Packing dimen.	1070Wx830Dx1540H mm	1550Wx920Dx1830H mm	
Net/Gross Weight	165/190 kg	225/265 kg	239/272 kg
Power (W)	950	930	1200
Electricity	220/240Volt 50/60 HZ		
Approval	CE, ISO		
Security	Over-temperature Protection, Compressor Overload Protection, Electrical Leakage Protection, CO ₂ Concentration Deviation Alarm.		
Additional	Built-in Printer, RS-232 interface		
LOM1-8043	LOM1-8043, 190Lx1, Pre Stackable Shaking Incubator, Single, 4-60, 30-300rpm		
LOM2-8043	LOM2-8043, 190Lx2, Pre Stackable Shaking Incubator, Double, 4-60, 30-300rpm		
LOM3-8043	LOM3-8043, 150Lx3, Pre Stackable Shaking Incubator, Triple, 4-60, 30-300rpm		