



MG-86L55T

MG-86L105T



MG-86L215T



MG-86L395T



MG-86L528TS



MG-86L778TS

Features



Temperature control system
Display temp. in 0.1°C increments



Touch screen
7/10" LCD touch screen



Industrial compressor



CE certificate

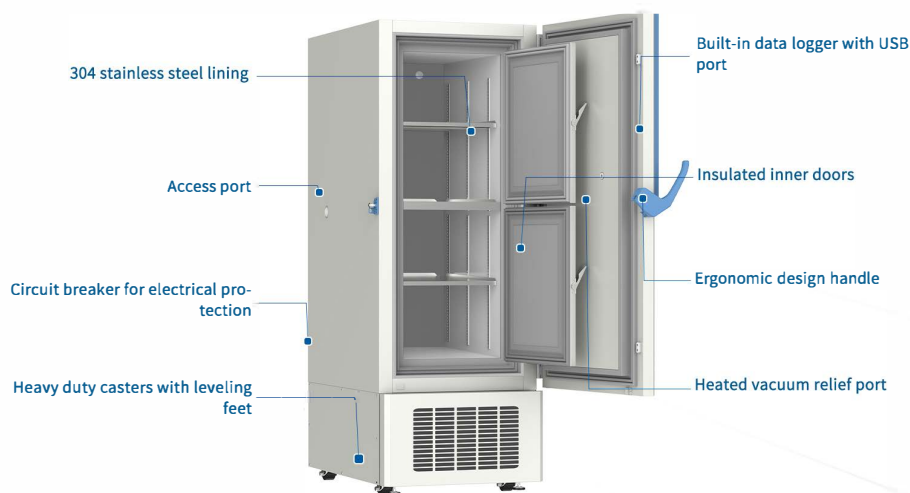


CO₂ back up system
Optional for extra security for sample



Alarms system
10 kinds of alarm functions

Structure



*MG-86L395T



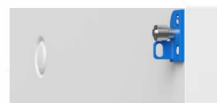
Insulated inner doors

Foam inner door design, built-in VIP insulation board, excellent thermal insulation performance.



Built-in data logger with USB port

Data can be saved for up to 10 years. Data can be downloaded through USB interface.



Access port

High-precision pressure relief elastic valve make it easier to open and close the door, and less frost in the cabinet during long-term operation



Heavy duty casters with leveling feet

Equipped with four heavy duty casters for ease of moving.

-86°C ULT Freezer						
Model	MG-86L55T	MG-86L105T	MG-86L215T	MG-86L395T	MG-86L528TS	MG-86L778TS
Power supply(V/HZ)	220-240,50	220-240,50	220-240,50	220/50	110-230,50/60	110-230,50/60
Capacity	50L	100L	218L	398L	528L	778L
Internal size (W*D*H) mm	305*425*430	450*450*514	470*582*768	440*696*1266	585*696*1266	865*696*1286
External size (W*D*H) mm	951*700*757	1066*742*820	862*976*1555	785*1041*1947	930*1041*1947	1205*1025*1955
NW(kgs)	97	124	179	237	260	330
Performance						
Temperature range	-40~-86°C					
Ambient temperature	16~32°C					
Cooling performance	-86°C					
Climate class	N					
Controller	Microprocessor					
Display	7" HD Intelligent Touch Screen				10" HD Intelligent Touch Screen	
Refrigeration						
Compressor	1pc	1pc	1pc	2pcs	2pcs	2pcs
Cooling method	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
Defrost mode	Manual	Manual	Manual	Manual	Manual	Manual
Refrigerants	HC	HC	HC	HC	R290 + R170	R290 + R170
Insulation thickness(mm)	110	115	170	130	130	130
Construction						
External material	Cold-roll steel sheets	Cold-roll steel sheets	Cold-roll steel sheets	Cold-roll steel sheets	Cold-roll steel sheets	Cold-roll steel sheets
Shelves	1	1	1	3	3	3
Access test port	1pc. Ø 25 mm	1pc. Ø 25 mm	1pc. Ø 40 mm	2pcs. Ø 25 mm	2pcs. Ø 25 mm	3pcs. Ø 25 mm
Casters	4+(2 brakes)	4	4	4(2 leveling feet)	4 (2 leveling feet)	4 (2 leveling feet)
Data logging	USB/Record every 1 minute / 1 year			USB/Record every 5 minutes / 10 years		
Interface	RS485(optional), Remote alarm contact			Remote alarm contact, RS485		
Alarms						
Temperature	High/Low temperature, High ambient temperature					
Electrical	Power failure, Low battery, Battery power detection failure					
System	Sensor failure, Main board communication error, Condenser overheating alarm, Door ajar					

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