

Benchtop Chillers – LM Series -10° to +30°C

Key Specifications

Working Temperature:	10° to +30°C
Temperature Stability:	±0.1°C
Cooling Capacity:	Up to 560 W @ 20°C
Reservoir Capacity:	0.7 gallons/2.65 liters
Overall Dimensions (L x W x H):	20 x 10 x 17" 50.8 x 25.4 x 43.2 cm



Features:

- Optimized for high performance at low temperatures
- Ideal for benchtop rotary evaporators
- Large, easy to read LED display
- Space-saving design
- Cooling at ambient temperatures as high as 35°C
- Low flow shutoff and alarm, high and low temperature alarms
- Simple setup, operation, and maintenance
- Choice of pumps
- Fluid level indicator



Large, easy to read temperature display lets you check operation at a glance.



c 155859 US

Working Temperature Range		10° to +30°C			
Temperature Stability		±0.1°C			
Pump Type		Centrifugal		Centrifugal	
		GX (60 Hz)	GY (50 Hz)	MX (60 Hz)	MY (50 Hz)
Cooling Capacity ¹ @ (W)	10°C	230	140	170	110
	0°C	350	250	250	170
	+10°C	470	390	340	280
	+20°C	560	520	420	390
	+30°C	650	600	540	500
Maximum Pressure psi (bar)		5.1 (0.35)	4.4 (0.3)	14.5 (1.0)	12.5 (0.9)
Maximum Flow gpm (l/min)		2.1 (7.9)	1.8 (6.8)	3.5 (13.2)	3.0 (11.4)
Part Number 120 VAC/60 Hz		LM61GX1A110C		LM61MX1A110C	
Part Number 240 VAC/50 Hz		LM62GY1A110E		LM62MY1A110E	

1. Cooling Capacity based on 20°C (68°F) ambient temperature and a 50%/50% mix of ethylene glycol and distilled water as coolant.

See pages 109 through 112 for LM Series Chiller options and accessories.

See pages 124 and 125 for considerations when choosing a chiller.

Electrical plugs for the part numbers listed are standard U.S. and European types. See page 128 for additional plug types and part numbers.