

**INSTRUCTION MANUAL
CAT. 87029-11, 87029-12
EMS MyTemp™ 65 Heat/Cool Incubator**



Electron Microscopy Sciences

1560 Industry Road Hatfield, PA 19440 P.O. Box 550
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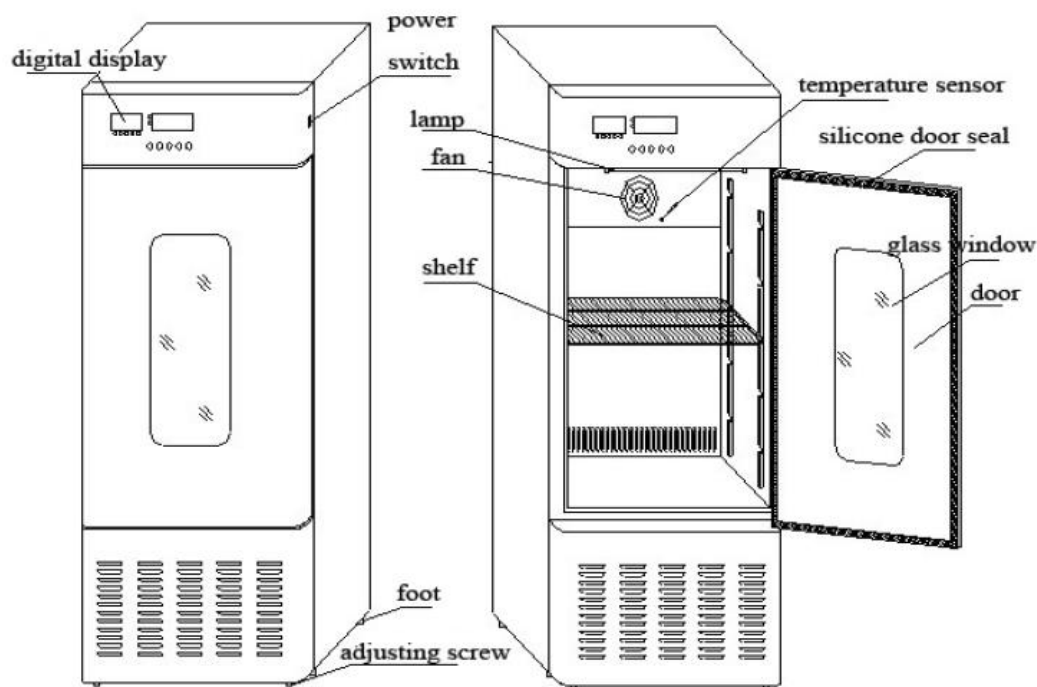
About the EMS MyTemp™ 65 Heat/Cool Incubator

This incubator is a micro-processor controlled instrument utilizing forced air convection to provide accurate and uniform temperature control. With a 65L stainless steel incubation chamber and removable shelves, this incubator is useful across a variety of applications.

Product specifications

Capacity:	65L
Temperature range:	0 – 60°C (in room temperature of 23°C)
Temperature Accuracy:	+/- 0.5°C (at 37°C)
Temperature Uniformity:	+/- 1°C (at 37°C)
Dimensions (internal):	(W x D x H) 40 x 32.4 x 50.2 cm or 15.75 x 12.75 x 19.75 in.
Dimensions (external):	(W x D x H) 54 x 53.34 x 99.85 cm or 21.25 x 21 x 39.35 in.
Refrigerant:	R134A
Chamber:	Stainless steel
Weight:	53 kg or 117 lbs
Warranty:	2 years
Electrical:	120V or 230 VAC, 50/60Hz. 385W

Structure



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Product set-up

The incubator can be installed on the floor or on a benchtop. Before installing, always ensure that the surface is clean, level, and capable of withstanding 55 kg. Once in place. Plug the electrical cord into a properly grounded outlet of the correct voltage. Once plugged in, press the power button on the right side of the instrument.

Product operation

1. To select the desired temperature, press the SET key. The temperature can now be set using the UP, DOWN, and SHIFT keys.
2. Once the desired temperature has been set, press the SET key again to select the time value. When set to 0000, the time function is disabled and the incubator will run continuously.
3. Once the desired time value has been programmed, press the SET key again to store the values and begin the incubation.
4. When the time has been set to continuous, the display shows both the current chamber temperature and the set chamber temperature.
5. To display the set temperature, press the SET key at any time.
6. Once the time has expired, an audible alarm alerts the user and the right display reads END.
7. To start a new cycle, press and hold the DECREASE key for three seconds.

NOTE: The incubator is programmed to continue holding the set temperature even after the set time has expired. This can be adjusted top end the heating/cooling cycle once the set time has expired by entering the advanced settings mode.

Warning: When loading samples, always avoid placing samples directly in front of fan vents. This will minimize airflow and diminish temperature performance.

The incubator is equipped with an internal light to assist in viewing. To activate the internal light, press the LIGHT button. To turn off the internal light, press the LIGHT button again.

An internal outlet is also included and provides the same electrical voltage as the outlet that the incubator has been plugged into. In the event that condensation forms, always wipe the outlet down with a dry paper towel prior to plugging in an electrical plug.

Care and maintenance

No routine maintenance is required other than to keep the instrument clean. When cleaning, use a damp cloth to wipe down the internal or external parts of the incubator. Avoid the use of solvents as they may cause damage to the incubator. In addition, always ensure that the fan vents are clear of any contaminants.

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