

Thermo Scientific
HistoGel Multi-Blok
Incubator

**Instructions
For Use**

HistoGel™ Multi-Blok Incubator

The Thermo Scientific HistoGel Multi-Blok Incubator is a heating unit designed to melt HistoGel and maintain the HistoGel in a liquid state for the course of a working day. The temperatures of the HistoGel Multi-Blok Incubator should be closely monitored using a certified/calibrated thermometer.

Notes

- Use of the Multi-Blok Incubator at temperatures above those recommended for HistoGel may lead to HistoGel degradation, HistoGel tube degradation, and loss of function during tissue processing.
- The *Instructions for Use* include recommended temperature settings. However, each Multi-Blok Incubator may show temperature variations. The end user should establish the final settings that correspond to the below-mentioned temperatures.

Instructions for Use

HistoGel Storage

1. The recommended long-term storage of HistoGel is refrigerated, 2-8°C. This is for overnight storage and storage for when the HistoGel is not in use.
2. When using HistoGel during the working day, HistoGel may be kept at room temperature.
3. When using HistoGel during the working day, HistoGel may be kept molten, between 37°C and 50°C.

To Melt HistoGel

1. Pre-heat the Multi-Blok Incubator to 70°C (Suggested setting range: Low 7 – High 1).
2. Insert the appropriate number of HistoGel tubes (remove all caps, or leave caps on top of tubes very loosely). It can take between 10 and 20 minutes for the HistoGel to melt.
3. Periodically stir HistoGel with stirring rod.
4. Monitor temperature to assure that HistoGel never goes above 80°C.
5. Once the HistoGel is molten, reduce temperature of HistoGel to 45 to 60°C by adjusting Incubator settings (Suggested setting range: Low 4 to Low 6).
6. After laboratory procedures are complete, replace any remaining HistoGel back in the refrigerator for overnight storage. Turn off Incubator.

Using the Incubator to Maintain Liquid State

1. Alternately, HistoGel may be molten by using a boiling water bath or using a laboratory microwave.
2. If using a microwave to melt HistoGel, care should be taken that the temperature never exceeds 80°C. Cap should be removed. Small increments of time are best to avoid splashing.
3. Pre-Heat the Multi-Blok Incubator to 45-60°C. (Suggested setting range: Low 4 - Low 6).
4. Insert pre-molten HistoGel tubes.
5. Monitor temperature to assure that HistoGel never goes above 80°C.
6. After laboratory procedures are complete, replace any remaining HistoGel back in the refrigerator for overnight storage. Turn off Incubator.

Order Information

Product	REF
HistoGel Multi-Blok Incubator (120V)	2050Q
HistoGel Multi-Blok Incubator (240V)	2050-ICEQ
HistoGel Starter Kit (120V)	HGSK-2050-1
HistoGel Starter Kit (240V)	HGSK-2050-2

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