

IceBerg+ Coldplate

The IceBerg+ is a standalone coldplate, used to cool down paraffin blocks prior to sectioning. Designed with an extra-large cooling surface, it can accommodate over 60 standard sizes blocks or 15 Supa Mega sized blocks at one time.

The IceBerg+ Coldplate incorporates an ultra-fast cooling system, reaching an optimal pre-set temperature of -5°C in less than 5 minutes. This makes it one of the quickest on the market, significantly reducing waiting time before the instrument can be used, and ultimately for blocks to be cast.

The temperature can be easily changed if required, with a large capacity compressor allowing the coldplate to maintain a temperature of -5°C, even in warmer laboratories. For specimen safety, the CellTec Iceberg+ cooling surface is limited to -12°C.

The compressor operates quietly, minimising noise levels in the laboratory. Unlike other coldplates, the compressor in the IceBerg+ achieves the set temperature by cyclical operating for approximately 20 seconds before a rest period of approximately two minutes.

“We have had the IceBerg+ Coldplate onsite for 12 months, and it has proved to be highly reliable and does exactly what is required from a coldplate. It reaches its set temperature incredibly quickly within 5 minutes, operates quietly and has a consistent temperature across the entire coldplate – perfect!”

Amy Stone. Deputy Laboratory Manager and Quality Lead, Cheltenham General Hospital

Specifications	
Item Code:	JRI-0400-00A
Dimensions:	600mm x 402mm x 315mm (d x w x h)
Weight:	25.9kg
Power Rating:	600 Watts
Power Supply:	230V a.c. 50-60hz
Cooling Plate Dimensions:	276mm x 382mm (d x w)
Cooling Plate Capacity:	60 standard size blocks or 15 Supa Mega blocks
Temperature Range:	Ambient to -12°C (± 1°C) at 25°C
Digital Display:	± 1°C accuracy

**QUICK
COOLING TIME
< 5 MINUTES**

**Capacity
for 60 standard
size blocks or
15 Supa Mega
blocks**

KEY BENEFITS

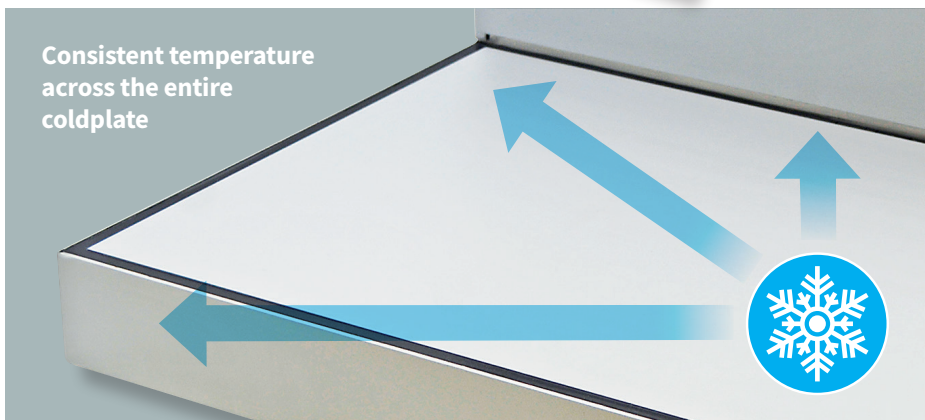
- 1 Ultra-fast cooling system:
< 5 minutes to reach pre-set
-5°C temperature
- 2 Large capacity cooling plate:
60 standard size blocks or
15 Supa Mega blocks
- 3 Quick cooling time:
Approximately 15 minutes to cool
60 standard 24 x 24 x 5mm blocks
- 4 Quiet operation
- 5 Digital temperature control ± 1°C
accuracy (at calibration point)
- 6 Ability to change set temperature
to meet customer needs
- 7 Easy to clean
- 8 Anti-microbial finish to inhibit
bacteria and virus growth



KEY FEATURES OF THE ICEBERG+ COLDPLATE

- 1 Coldplate is pre-set to -5°C via digital temperature control which is accurate to $\pm 1.0^{\circ}\text{C}$. A -5°C temperature permits the optimal chilling of blocks whilst minimising the risk of blocks cracking, ensuring high quality sections during microtomy
- 2 Large capacity cooling plate with space for 60 standard size blocks or 15 Supa Mega blocks makes the IceBerg+ ideal for high workload labs
- 3 Consistent temperature across the entire coldplate ensures that all blocks are ready for sectioning at the same time
- 4 Low power consumption reduces laboratory running costs
- 5 Anti-microbial powder coat finish (Ag^+ , silver ion release) inhibits the growth of bacteria and viruses on the case of the instrument
- 6 Non-slip feet prevents instrument moving during use

Consistent temperature across the entire coldplate



Ability to change set temperature



Non-slip feet



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