

Cryoplate 4

Laboratory coldplate





“In 333 BC, while wintering at Gordium, Alexander attempted to untie the knot. When he could not find the end of the knot, he sliced it with a stroke of his sword, producing the required ends”

We do recognize that there are many problems that can seem as complicated as a Gordian Knot. Often the solution seems locked inside a box hidden behind a thick jungle of hurdles, uncertainties, and fears. The solution appears to be locked inside.

But just as a sword can cut a knot, a key can open many locks. Behind every one of our products there is a blend of innovation, development, passion for excellence and dedication to our customers. We strive to deliver the simplest, leanest, most effective solutions.

Our mission is to empower pathology, histology and cytology laboratories through the latest and most innovative cutting-edge solutions.

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Cryoplate 4

Laboratory coldplate

Cryoplate 4 is the new laboratory coldplate which helps reducing the time needed to chill paraffin blocks prior to cut-up at the microtome, thanks to the latest technology in performance cooling. Cryoplate 4 is the most compact laboratory cold plate: the instrument needs only a small space on the laboratory workbench.

Pathology, Cytology and Histology laboratories can benefit from this low-profile cooling plate, which has been ergonomically designed for ease of movement and to reduce the risk of technicians experiencing fatigue in their hand joints.

FAST BLOCK CHILLING

Chills paraffin blocks in few minutes
Perfect results thanks to moisturizing surface

COMPACT, LOW PROFILE

Small footprint and low profile height
for ergonomical operation

LONG SERVICE LIFE

Solid state cooling technology
No circulating gas or liquid

VIRTUALLY SILENT OPERATION

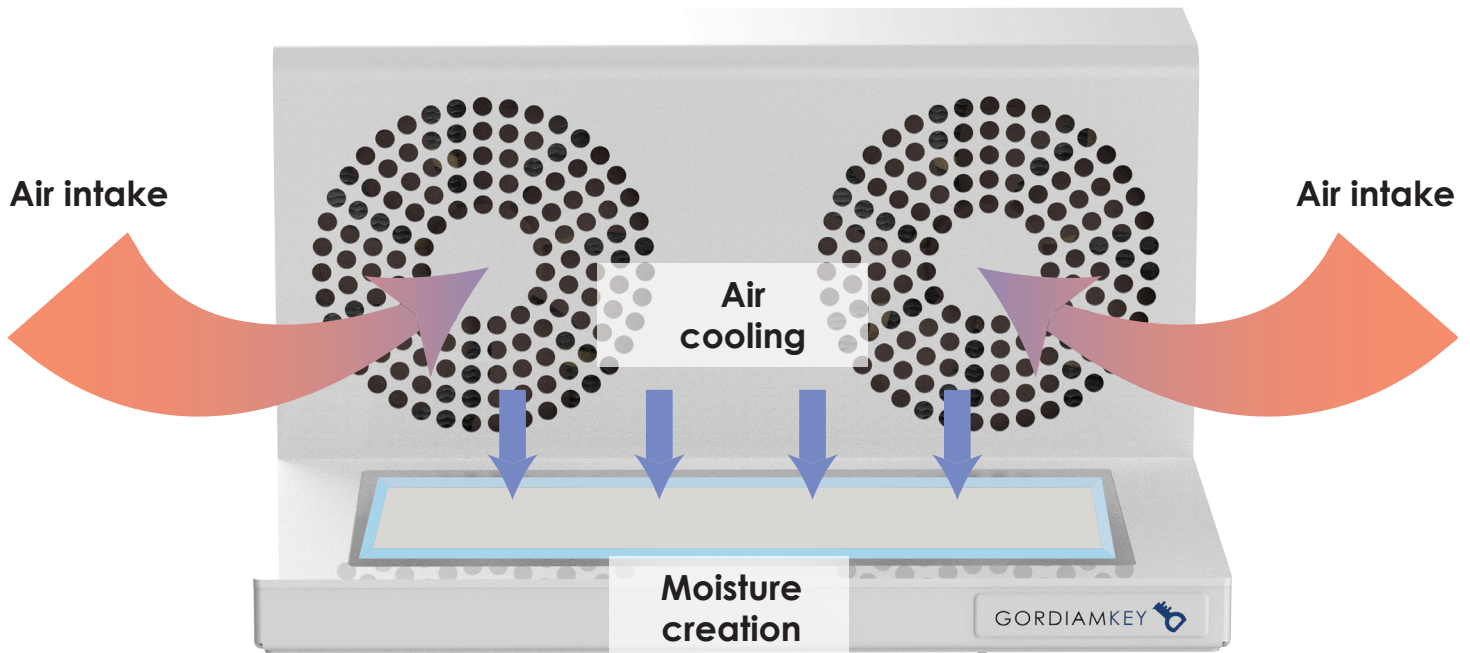
Less than 10 dB @ 1 meter distance

ZERO VIBRATIONS

Total absence of vibrations

Technology

State-of-the-art cooling technology



Air at room temperature is constantly transported into the coldplate by the fans. Once the air approaches the cold surface, it condensates the environmental humidity creating a thin moisture layer on top of the frosted layer. The powerful solid state cooling system keeps the temperature constantly low and evenly distributed onto the surface. Tissue blocks are therefore chilled fast and absorb micro scale moisture particles, avoiding the formation of cracks and giving the best results at cut-up.



Cryoplate 4S

Cryoplate 4S analog control model

4S Model

Manual temperature control

Temperature range -15 C to -5 C

Specifications

Power
Footprint
Profile height
Capacity
Weight

| Description | Order number |
|--------------------|--------------|
| Cryoplate 4S model | CP4S |

Cryoplate 4X

Cryoplate 4X digital control model



4X Model

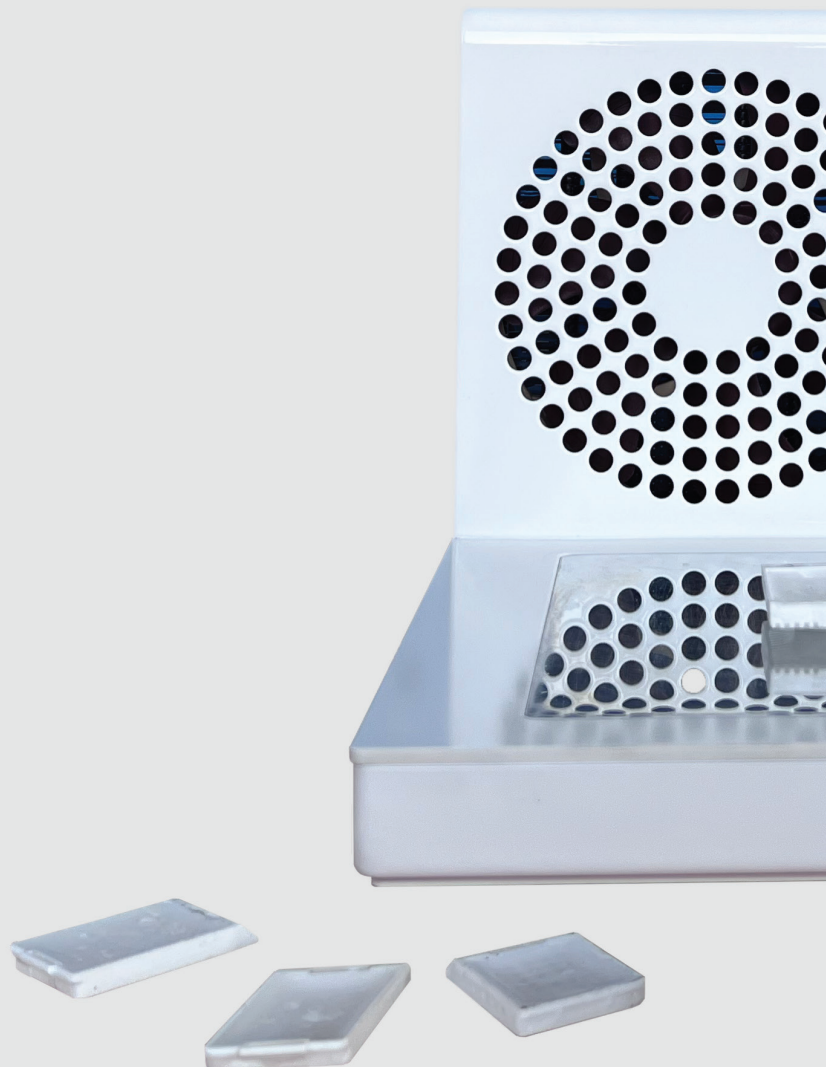
Digital temperature control
Temperature range -15 C to RT
Alarm monitoring
Auto turn-on/turn-off
Auto commands
LabIOT system compatible

135W
33 x 26 cm
2.5 cm
27 tissue cassettes
7.6 Kg

| Description | Order number |
|--------------------|--------------|
| Cryoplate 4X model | CP4X |

Cryoplate 4S mini

Cryoplate 4S mini analog control model



Specifications

Power
Footprint
Profile height
Capacity
Weight

| Description | Order number |
|-------------------------|--------------|
| Cryoplate 4S mini model | CP4Sm |

Cryoplate 4X mini

Cryoplate 4S mini digital control model



70W
19 x 26 cm
2.5 cm
12 tissue cassettes
3.6 Kg

| Description | Order number |
|-------------------------|--------------|
| Cryoplate 4X mini model | CP4Xm |

Cryoplate removable frame

Plastic transparent removable frame

The removable frame allows to....



Specifications

Dimensions: 33x18x0.3 cm

| Description | Order number |
|-----------------|--------------|
| Removable frame | CP-0010 |

Cryoplate removable grid

Plastic transparent removable grid

The removable grid allows to keep in place the paraffin blocks during the cooling procedure. It can host up to 24 paraffin blocks.



Specifications

Dimensions: 20 x 11 x 5 cm

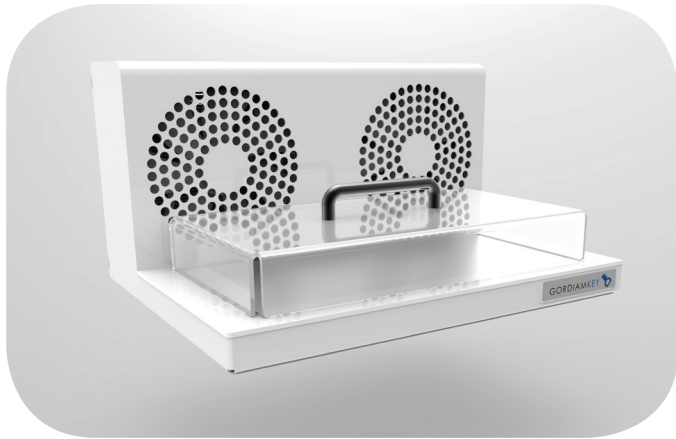
Weight: 0.1 Kg

| Description | Order number |
|----------------|--------------|
| Removable grid | CP-0014 |

Cryoplate cover lid

Plastic transparent lid

The Cryoplate removable lid can be positioned onto the cooling plate when tissue cassettes need to be cooled down. Its structure helps maintaining low temperature even when mega tissue cassettes are used. Thanks to the light weight it can be easily removed every time it is necessary to remove a tissue cassette from the cooling plate.



Specifications

Dimensions: 29x16x4 cm



| Description | Order number |
|---------------|--------------|
| Removable lid | CP-0014 |

Cryoplate power supply

Cryoplate power adapter

- Level VI power supply
- All common safety standards such as CE, FCC, UL, TUV, CB, CCC

- Input range: 100 to 240 VAC
- Frequency: 50 to 60 Hz

Cryoplate 4X

- Output: 15 V
- Power: 144 W

Cryoplate 4S

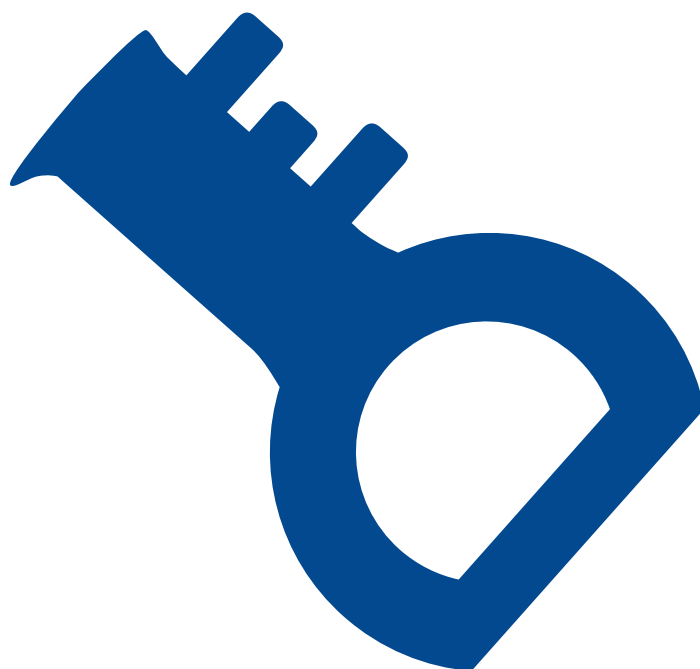
- Output: 12 V
- Power: 138 W

| Description | Order number |
|---------------|--------------|
| Power adapter | CP-0009 4S |
| | CP-0008 4X |



Specifications

Dimensions: 18x7x4 cm



GordiamKey

Medeon Science Park, Malmö, Sweden

www.gordiamkey.com

