

## Cooling plate



**Model : YR446**

**Cooling plate**

**Manufacturer : Kalstein**

**Price : \$ 4,800.00**

**Description :**

The cooling process is an essential step in every histology lab, because it is a fundamental procedure in order to make good quality paraffin blocks cutting. It is almost impossible to make good cuts without doing the cooling process. By using the cooling plates to cool off the paraffin blocks, it creates a drastic improvement and it makes the cutting a lot easier. These facts speed up the process and helps to save time for the lab operators.

An interesting fact about this process is that the cold wax allows the operator to make thinner sections, which you will get by providing support for harder elements within the tissue specimen. Maybe you are wondering why does cooling the paraffin blocks makes the process easier. Well, it turns out that when a small amount of moisture from the melting ice penetrates the block makes the tissue a lot easier to cut.

Paraffin wax cuts are a very delicate area in a histology lab. Most specialists recommend adjusting the right temperature from the cooling plates, in order to cool the paraffin blocks, so that they do not get any cracks in the cutting process. When a paraffin block is completely cracked, it becomes a useless sample.

The cooling plate model we are presenting to you is the YR446, which is a cryo-plate adopted with a new-type inverter compressor, making the tissue paraffin blocks to cool off quickly. This model has a Teflon plating, which ensures easy cleaning, so that you do not have to worry about that. We mentioned above that it is safer if you can freely adjust your cooling plate's temperature, and this model provides you with that option. The cooling plate we are offering you has this option available to avoid the tissue wax from not cooling enough or frost splitting. In addition, you can use the YR446 model's cryo-plate separately.

About this model's technical specification, you should know that the temperature setting is RT

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-2°C. It has a time delay's protection requirement. In addition, the plate's dimension is 330 mm x 322 mm. The voltage required to use this cooling plate is AC220V 50Hz AC110V 60Hz. This model's power is 300W. Finally, its overall dimensions are 685 mm x 380 mm x 430 mm (WxDxH) and this cooling plate weights 26Kg.

Product Name: YR446 Cooling Plate.

Product Categories: Embedding Center.

## Cooling plate

YR446 Cryo-plate adopted with new-type inverter compressor ,which makes tissue paraffin cooled quickly, teflon plating ensure easy cleaning, cooling temperature can be adjusted freely, temperature is settled properly to avoid tissue wax from not cooling enough or frost splitting YR446 cryo-plate can be use separately.

### Technical specifications:

- Setting temperature: RT
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- Protection requirement of time delay.
- Area of cryo-plate: 330x322mm.
- Voltage: AC220V 50Hz, AC110V 60Hz.
- Power: 300W.
- Dimension: 685x380x430 mm (WxDxH).
- Weight: 26kg.