

## Water bath

**Model : YR449**

**Water bath**

**Manufacturer : Kalstein**

**Price : \$ 1,400.00**

**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 YR440, 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?-20°C. It has a time delay's protection requirement. In addition, the plate's dimension is 320 mm x 300 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 590 mm x 345 mm x 385 mm (WxDxH) and this cooling plate weights 27Kg.

Product Name?YR449 Water Bath

Product Categories?Water Bath&Slide Dryer

Features:

- Quick heating, long lifespan and energy saving, due to the use of a new-type heating element;

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- Both actual and preset temperatures are displayed;
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system;
- Special black surface material characterized by its strong resistance to abrasion and corrosion.