

## Paraffin trimmer



**Model : YR458**

**Paraffin trimmer**

**Manufacturer : Kalstein**

**Price : \$ 1,920.00**

### Description :

Paraffin is a very important consumable in any histology laboratory. This item has become in the essential lab supply when it comes to Microtomy and sample sectioning. The reason is that paraffin wax is useful to impregnate tissue prior to sectioning thin samples of tissue. The process begins when the water is removed from tissue through ascending strengths of alcohol and the tissue is cleared in an organic solvent such as xylene. After this, the tissue is placed in paraffin wax for a number of hours and then set in a mold with wax to cool and solidify. The final process is when you cut the sections on a microtome. The paraffin trimmer removes the excess paraffin from embedding cassettes safely and with ease by sliding it across the heated surface. The melted paraffin drains into the removable catch basin below without making a mess of paraffin shavings.

This YR458 Block Trimmer is used to remove the excess wax from the outside of a tissue cassette and to clear the edge of the cassette of excess wax after paraffin embedding. This device features a ridged heating surface where the temperature can be adjusted in a range from ambient to 90°C. By sliding the outside of the block across the heated surface, the excess wax on the outside of tissue cassette will melt and flow away from the grooves and the hole at the lowest point flows into a waste tray.

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araffin trimmer

can quickly remove paraffin in order to seat the block in the quick-release clamp or microtome vise to achieve the best section quality. In addition, this compact and well-designed device can achieve easy and prompt block trimming with precise temperature control by microcomputer chips and without messy wax sticking to the Teflon-coated surface.

This paraffin trimmer features a full computer automated control. It utilizes new types of heating elements that enable fast heating, energy efficiency and reliability. This device automatically saves the latest operational settings. It has a memory and automatic restoration function: the preset temperature can be automatically saved after device operation. This paraffin trimmer also has a LED screen that displays the heating status.

About the technical specs, you should know that it has a working area that measures 230 mm × 160 mm. Its temperature range is continuously adjustable within 0 - 90°C. The temperature control Precision is ±1°C. Its electrical requirement is 220V±10%50HZ or 110V±10% 50/60Hz and its power is 150 W. Finally, this paraffin trimmer's overall dimensions are 255 mm × 175 mm × 155 mm (W×D×H) and it weighs 3 Kg.

Product Name: YR458 Paraffin Trimmer.

## Paraffin trimmer

Product Categories: Wax Processing.

### Paraffin Trimmer

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This block trimmer can quickly remove paraffin in order to properly seat the block in the quick-release clamp or microtome vise to achieve the best section quality.

This compact and well-designed device can achieve easy and prompt block trimming with precise temperature control by micro-computer chips and without messy wax sticking to the Teflon-coated surface.

### Features:

Full computer automated control.

Utilizes new type of heating elements that enable fast heating, energy efficiency and reliability.

Temperature sensors are made in USA, precise and reliable.

Automatically saves the latest operational settings.

Memory and automatic restoration function: the preset temperature can be automatically saved after device operation.

LED displays the heating status.

### Technical Specifications:

- Working area: 230x160mm.

Temperature Range: Continuously adjustable within 0 - 90°C.

Temperature Control Precision:  $\pm 1^\circ\text{C}$ .

Electrical Requirement: 220V $\pm 10\%$ 50HZ or 110V $\pm 10\%$  50/60Hz.

## Paraffin trimmer

Power: 150W.

Dimensions: 255×175×155mm (W×D×H).

Weight: 3 kg.