

## Fully Automated Tissue Stainer

**Model : YR436**

**Fully Automated Tissue Stainer**

**Manufacturer : Kalstein**

**Price : \$ 24,000.00**

**Description :**



The staining process is a routine technique that reveals exceptional detail of tissue structure and makeup of the cells. It is a very common auxiliary technique in the microscopy field. In the staining process, the operator highlights the structures in biological tissues and that allows a more detailed look of the sample.

Tissues are made from large groups of cells that cluster together to complete a shared function. A tissue processor is an instrument that is used to analyze and process samples by fixing, staining, dehydrating or decalcifying them.

Fully automated tissue processor

In the medical field, the staining process defines and examine bulk tissues, cell populations or organelles within individual cells. In the biochemistry field, the staining process involves adding a class specific dye to a substrate to qualify or quantify the presence of a specific compound.

Automated tissue processor machine

This model has imported high-quality parts, smooth operation, low noise and an ergonomic design. Its fully intelligent design enables timely determination and automatic recovery from an abnormal event. Its wide LCD touch screen and convenient human-machine interfaces provides user with clear and sufficient information about working status (online help). Its processing duration is automatically calculated and displayed on the screen, allowing user to create a more efficient work plan. In addition, it has 4 sets of editable programs in Chinese and English and it can be stored in the system and can be queried online. Its intelligent automatic water influx/efflux/drainage control system ensures sufficient washing performance at each step and improves water efficiency. Its 36 processing and staining protocols can be programmed and stored in the system and includes operation error alert function. Moreover, it has a green inner-cycling air purification system to efficiently adsorb, and remove poisonous gas. Finally, it has a real-time visual simulation with icons that displays working status dynamically, clearly and intuitively.

Automated tissue processor

About this tissue stainer technical specifications there is to say that its

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number of processing cups is 18 (Station 10 is for washing and Station 1 is for drying). The processing time length for each station is adjustable within 0 min - 59 min and within 0 to 59 s for each station. It has a single cup capacity of 750ml. The number of slides to be processed at same time is 52 pieces. Its working voltage is AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz. In addition, its power requirements is 500W. Moreover, its general dimensions are 1180×420×470 mm (W×D×H) and its net weight is 72Kg.

Product Name?YR436 Fully Automated Tissue Stainer.

Product Categories?Staining Machine.

Features:

- Imported high-quality parts, smooth operation, low noise, ergonomic design.
- Fully intelligent design, enabling timely determination and automatic recovery from an abnormal event.
- Wide LCD touch screen and convenient human-machine interfaces provides user with clear and sufficient information about working status (online help).
- Processing duration is automatically calculated and displayed on the screen, allowing user to create a more efficient work plan.
- 4 sets of editable programs in each of Chinese and English can be stored in the system and can be queried online.
- Intelligent automatic water influx/efflux/drainage control system ensures sufficient washing performance at each step and improves water efficiency.
- 36 processing and staining protocols can be programmed and stored in the system, includes operation error alert function.
- Green inner-cycling air purification system to efficiently adsorb, and remove poisonous gas.
- Real-time visual simulation with icons displays working status dynamically, clearly and intuitively.

Major Technical Specifications:

Number of Cups: 18 (Station 10 is for washing and Station 1 is for drying).

Capacity of Single Cup: 750ml.

Number of slides processed at same time: 52 slides.

Length of Processing Time in the Cup.

Adjustable within 0 - 59 minutes and within 0 -59 seconds.

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Dripping Time: Adjustable within 0-30 s (shakes above cup).

Working Voltage: AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz.

Power: 500 W.

Dimensions: 1180×420×470 mm (W×D×H).

Net weight: 72kg.