

KD-TS6B Vacuum Automated Tissue Processor



Product Name : KD-TS6B Vacuum Automated Tissue Processor

Product Categories : Tissue Processing System

KD-TS6BAutomated Tissue Processor is an advanced microprocessor-controlled tissue-processing device. Due to its ideal ergonomic design, reasonable structure, easy operation, prompt processing, and high QPR, this device is an ideal choice for human or animal/plant tissue dehydration in pathology laboratory of hospitals, colleges/universities, and research institutes.

Features:

- ◆Entire operation process is controlled by a PLC through a touch screen, easy to operate, reliable and stable
- ◆Tissue specimen basket can be placed in a cup at any station by a mechanical arm, flexible and easy to operate
- ◆Multiple safety protection mechanisms including power failure alert and operation error protection
- ◆Stirring during dehydration process ensures adequate contact of tissue with reagents and paraffin to improve dehydration performance
- ◆Temperature of paraffin cup is precisely controlled by a constant temperature control system and the inner surface of the cup is TEFLON-coated, contamination-resistant, and corrosion-resistant
- ◆There are nine 1.2-L (or a larger volume of 2.3L) medical glass beakers are used as processing cups, allowing clear observation of tissue changes during the operation
- ◆To enhance dehydration strength, this device is equipped with a vacuum pump. Other than paraffin cups, optional vacuum-assisted dehydration of all cups can be individually preset

Major Technical Specifications:

- ◆Tissue Processing Steps: 12 steps
- ◆Number of Reagent Cups: 9, with a volume of 1.2L (2.3L for a larger volume)
- ◆Number of Paraffin Cups: 3, with a volume of 1.0L (1.8L for a larger volume)
- ◆Temperature Range: 45-85°C ($\pm 3^{\circ}\text{C}$)
- ◆Program: Duration in each cup: 0-10 hours (10 programs)
- ◆Maximal turn-on delay: 1 month
- ◆Minimum time interval setting: 1 min
- ◆Vacuum Degree: 0.053MPa
- ◆Frequency of basket stirring: ≥ 10 times/hour, 30 sec for each time
- ◆Size of Basket: $\Phi 95 \times 80\text{mm}$;
- ◆Dimensions: 670 (Diameter) \times 540 (Height, 680 mm at the highest point)
- ◆Working Voltage: AC 220V $\pm 10\%$ 50Hz (standard model), an additional converter is needed for 110V
- ◆Power: 500W (1.2L), 1000W (2.3L)
- ◆Net weight: 60kg