

# KD-TS3B Automated Tissue Processor



## Features:

- APS-coated, streamlined-designed, easy-to-clean, sturdy housing with high resistance to corrosion
- Imported high-quality parts, smooth operation, low noise, ergonomic design
- 20 editable programs can be stored in the system
- Integrated high-quality LCD screen with intuitive bilingual (Chinese/English) software offers clear display and simple operation; window-scrolling/flipping human-machine conversation interface provides clear instructions for each step (online help)
- Fully intelligent design enables timely determination and automatic recovery from an abnormal event
- Real-time visual simulation with icons displays working status dynamically, clearly and intuitively
- Green inner-cycling air purification system to efficiently adsorb, remove poisonous gas; gas-effluxion mechanism, environmentally friendly and safe
- This system can be automatically started at any time as programmed
- Processing duration is automatically calculated and displayed on the screen, allowing user to make a more efficient work plan
- Manual adjustment can be conducted anytime during the programmed automatic operation; afterwards, the system automatically enters the programmed operation
- Automated fan control: Stays 'on' all the time when the specimens are not submerged in cup and comes on 10 seconds every minute when the specimens are submerged in cup and in processing
- Automated light control: stays 'on' all the time during programming; stays 'off' during the automatic operation and can be automatically turned 'on' anytime by touching the screen or any key and stays 'on' for 2 minutes.
- Internal dry heating mechanism with high-precision temperature control
- Low-energy-consuming control circuit with power protection function. When power outage occurs, the screen displays as normal with a scrolling bar demonstrating the 'on' status of the power protection system.
- Battery backup with more than 30 hours of running power
- Approximately 100 tissue specimens can be dehydrated at the same time

## Technical Specifications:

Number of Cups:	12 (9 for reagents, and the cups at the 10th, 11th, and 12th stations are used for paraffin melting)
Capacity of Each Cup:	1500ml
Length of Processing Time in the Cup:	Any length for the first cup (Extended Time), Any length between 0 and 24 hours for the other cups
Temperature Range:	RT – 80°C
Dripping Time:	Adjustable within 10-60 s; shake/drip above cup
Frequency of Agitation:	Adjustable within 0-6 times/minute
Tissue Protection Station:	any station from the 1st to 7th station as preset
Working Voltage:	AC220V±10% 50Hz (standard model); AC110V±10% 60Hz
Power:	500 W
Dimensions:	1055×480×495 mm (W×D×H)
Net weight:	75 kg