

KD-TS3S Fully Automated Tissue Processor



Features

- Flexible transmission system, low noise, wear-resistant
- Imported high-quality parts, high-precision positioning system smooth operation, ergonomic design
- Two sets of operation mechanisms double the processing capacity. Tissue specimens can be separately placed into different baskets according to size, texture, and origin, thus improving processing performance

Optional single-mechanism mode for processing a smaller number of tissue specimens to ease the operation

- 20 editable programs for each of A and B 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, enabling 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 highly efficiently adsorb and remove poisonous gas; well-sealed gas-effluxion mechanism to effectively improve the operational environment
- This system can be automatically started at any time as programmed (Setting Range 0-99 hours and 0-59 minutes)

Processing duration is automatically calculated and displayed on the screen, allowing the user to make a more efficient work plan

- Automated fan control: Stays 'on' all the time when the specimens are not submerged in cup and 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 and triple protection channels offer high-precision automatic gradient temperature control
- Automatically determines the time of heating, thus increasing energy efficiency
- 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
- Power Protection Station: Station 7 for A basket and Station 5 for B basket, ensuring continued operation during a power outage.
- Manual operation can be conducted anytime during the programmed automatic operation, allowing user to check or add tissue specimens during the operation
- 200 or more specimens can be processed at the same time

Technical Specifications

Number of Cups	14(10 for reagents, and the cups at the 11th, 12th, 13th, and 14th stations are used for paraffin melting)
Number of baskets	2
Capacity of Each Cup	1500ml
Temperature Range	800C
Temperature Control Precision	±1°C
Length of Processing Time in the Cup	Any length between 0 and 99 hours for the 1st and 2nd cup/ Any length between 0 and 24 hours for the 3rd to 14th cup
Dripping Time: Adjustable between 10s and 60s	Adjustable within 10s – 60s; shake/drip above cup
Frequency of Agitation	Adjustable within 0 – 6 times/minute
Working Voltage	AC220V±10%50HZ (standard model); AC110V±10% 60HZ
Power Requirements	550W
Dimensions	1250×440×495 mm (W×D×H)
Weight	92kg