

AUTOMATED TISSUE PROCESSOR

Darsun Scientific Inc, USA
30N Gould St Ste R Sheridan,
Wyoming 82801, United States

Email: Info@darsunscientificinc.com
Phone: +1-3074272810
Web:www.darsunscientificinc.com

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AUTOMATED TISSUE PROCESSOR

DS-TS6



Product Overview

his automated tissue processor programmatically controls the immersion of human, animal, or plant tissue samples in solvents for standardized histological processing including dehydration, clearing, and paraffin infiltration as critical pre-analytical steps for pathological examination.

Product Features

1. The device has a high-definition color LCD touch screen and is programmable for 20 routines, simplifying operation and monitoring.
2. It automates the entire process from sample transfer to dehydration, reducing manual work and enhancing efficiency.
3. With an organizational basket capacity of 100 embedding cassettes, it can be upgraded to a double-basket configuration, enabling processing of up to 200 cassettes.
4. Powered by a high-performance AC constant-speed motor, it ensures stable and quiet operation with high torque for accurate dehydration.
5. The permanent magnet synchronous motor facilitates thorough tissue-solvent and wax mixing, ensuring effective dehydration.
6. The wax tank features a digital constant-temperature control system with high precision and an electrode-oxidized inner surface for anti-pollution and corrosion resistance.
7. An activated carbon filter and exhaust system minimize air pollution, and a vacuum extraction device enhances tissue permeation and dehydration.

SPECIFICATION

Model	DS-TS6
Cup Number	12pcs (9pcs ragent cup, 3pcs paraffine cup)
Single Cup Capacity	2300ml
Single Cup Processing Time	0~99h59min
Single Paraffin Cup Capacity	1800ml
Agitation Frequency	5min/time
Dehydration Basket Size	Φ127*110mm
Dehydration Basket Capacity	100 cassettes
Program Storage	20sets
Noise	≤60dB(A)
Power Consumption	400W
Power Supply	AC220V,50/60Hz(Standard); AC110V, 60Hz(Optional)
Standard Accessories	Dehydration Basket *1; reagent cups*9; paraffin cups*3; activated carbon bag*1
Optional Accessories	Dehydration Baskets *2
External Size(W*D*H)	Φ800*630~760mm
Package Size(W*D*H)	Main instrument: 940*940*820mm; Reagent bottle: 470*640*570mm
Net Weight	75kg
Gross Weight	Main instrument:100kg; Reagent bottle:32kg