

DAKEWE



HP300 Plus Automatic tissue processor

Tissue processing well managed

HP300 Plus Tissue Processor

Reliability

Diagnostic functions	Automatically check key parameters upon startup and before the process starts, minimizing the possibility of malfunction from the beginning
Dual air pump system	The two air pumps can work individually or jointly to ensure instrument accountability
Component monitoring	Real-time monitoring of components and parameter settings. Together with intelligent analysis and precaution, further offers great overall performances
Temperature control	Multi-point temperature sensors and intelligent control algorithm spontaneously provide excellent temperature control

Safety

Remote monitoring	Remote monitoring of errors to increase instrument uptime, alert via multiple methods when a risk is detected
Concentration measurement	On-board high precision sensor measures alcohol concentration to ensure only correct reagents are used
Ceramic rotary valve	Heat-resistant ceramic valve significantly reduces blockage caused by wax attachment and thus promotes the stability and accuracy of liquid delivery
Ultrasonic sensors	3 ultrasonic sensors in the retort unaffected by wax build-ups are able to provide correct liquid level information consistently

Workflow improving

Reagent bottle identification	Reagent Bottle Intelligent Identification System (RBIIS) modules built in every reagent bottle enable auto reagent information extraction and position detection to streamline reagent management
Wax purification	Innovative wax purification prolongs paraffin service life
Multi-dimensional RMS	Multi-dimensional monitoring of reagent usage, reagent replenishment record can be generated and exported

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12.1 inch touch screen
3 angles adjustable

Easy to clean marble
benchtop

Electric retort lock

Heated retort lid with
Teflon coating

Ports for remote fill &
drain

Air purification system

USB ports

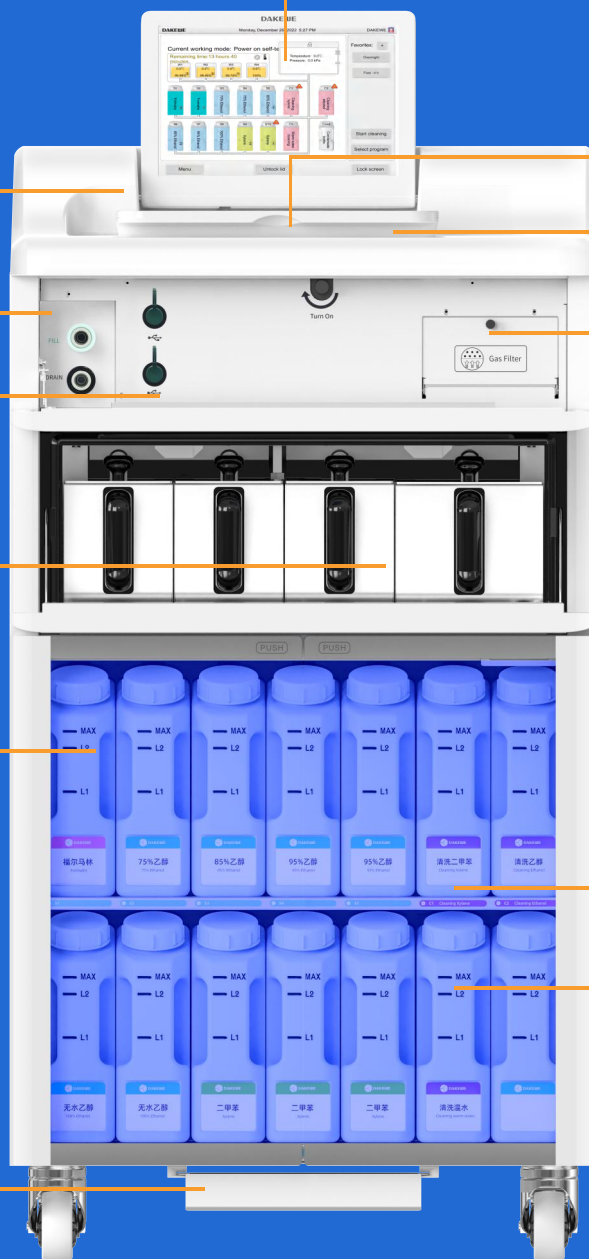
4 wax tanks

10 reagent bottles
3 cleaning reagent
bottles
1 condensate bottle

Reagent preheating
module

Back-lit cabinet
RFID bottle identification
Bottle connection check

Waste tray



Specifications

Power requirements	100 - 120 VAC, 60 Hz or 220 - 240 VAC, 50 Hz; 1200 VA
Dimensions (W×D×H)	620 × 640 × 1170 mm
Weight (without reagents)	Approx. 180 kg
Retort capacity	Up to 300 cassettes in 2 large baskets, or 280 in 4 small baskets
Wax tanks	3 × 4.2 L, 1 × 5.6 L
Reagent bottles	10 reagent bottles, 3 cleaning reagent bottles, 1 condensate bottle
Concentration measure	Yes
Program memory	Up to 100 protocols
Screen	12.1 inch LCD color touch screen, 3 angles adjustable
Advanced infiltration	Vacuum and pressure options, with effective agitation

DAKEWE

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