

**DAKEWE**



## HP300 Plus Automatic tissue processor

Tissue processing well managed

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# HP300 Plus Tissue Processor

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## Reliability

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

## Safety

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

## Workflow improving

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

# Tissue processing well managed

Dakewe HP300 Plus tissue processor

12.1 inch touch screen  
3 angles adjustable

Easy to clean marble  
benchtop

Electric retort lock

Ports for remote fill &  
drain

Heated retort lid with  
Teflon coating

USB ports

Air purification system

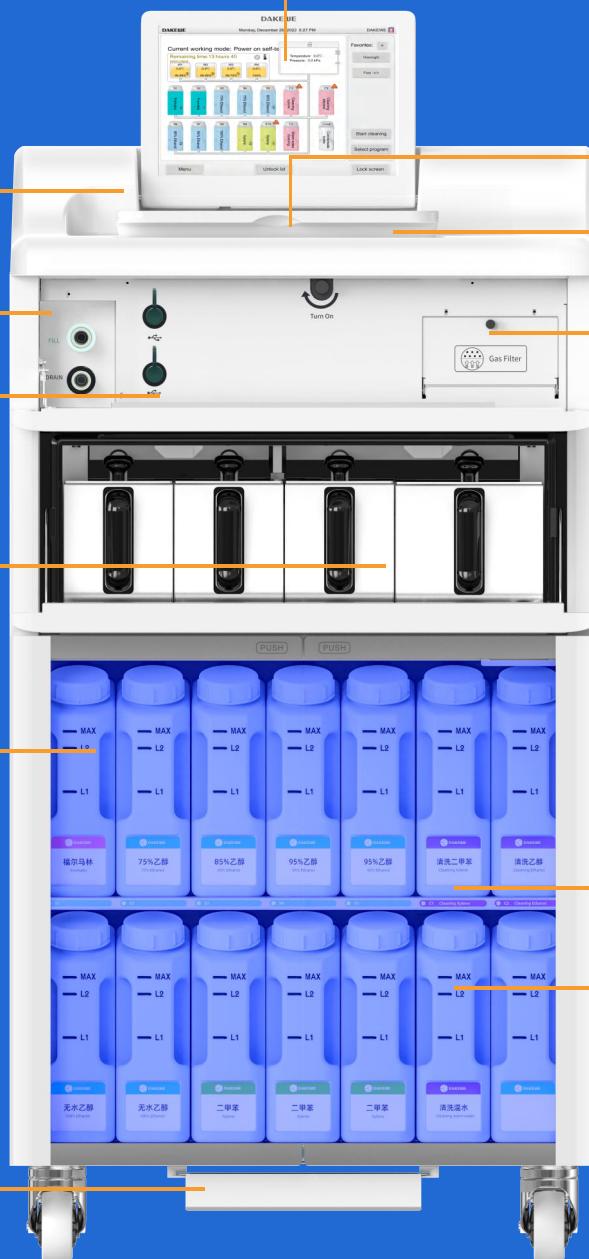
4 wax tanks

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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