

# DAKEWE



## HP300 Plus Automatic tissue processor

Tissue processing well managed

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# HP300 Plus Tissue Processor

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## 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

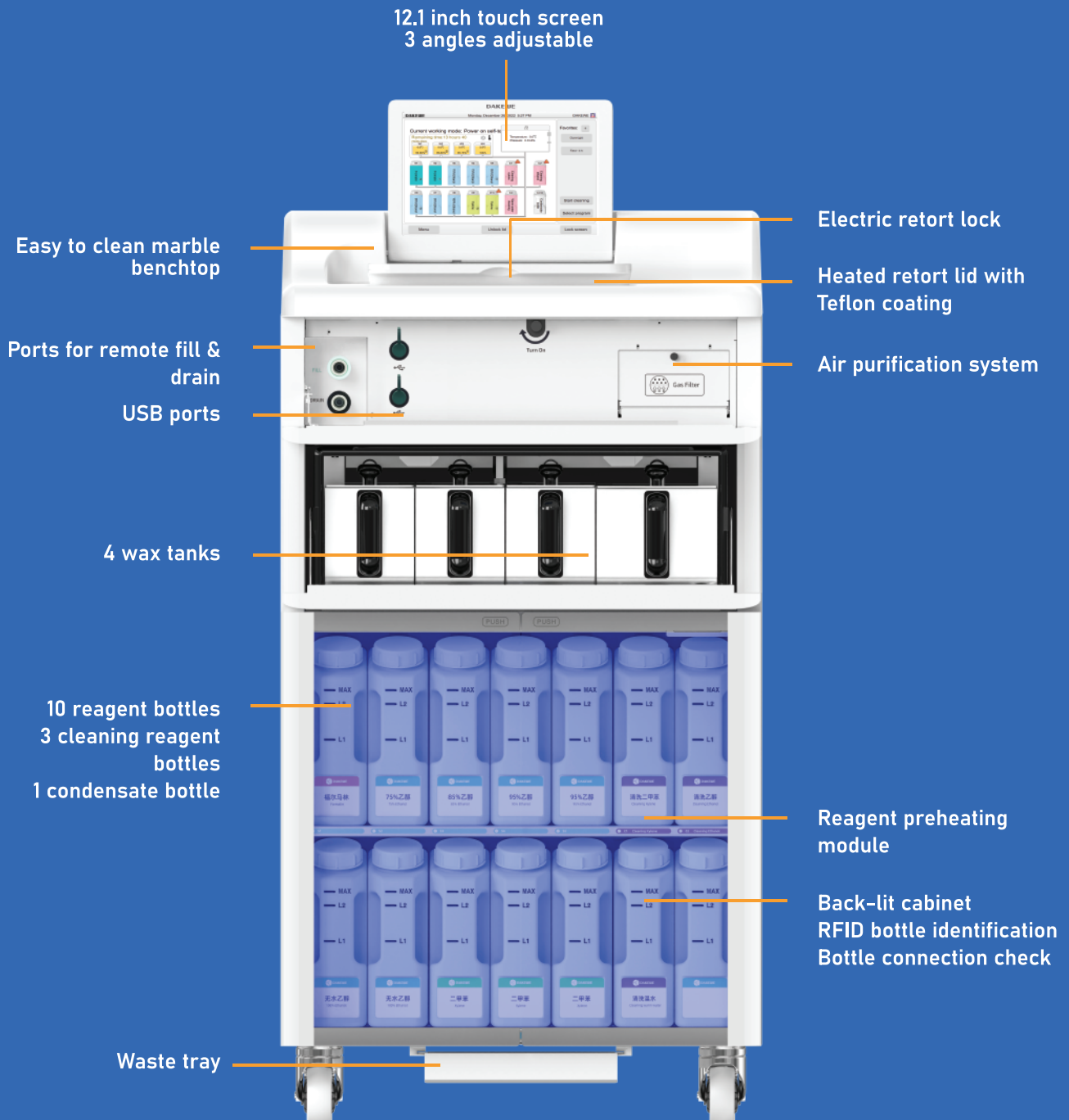
|                           |                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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# Specifications

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Power requirements        | 100 – 120 VAC, 60 Hz or 220 – 240 VAC, 50/60 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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Ver 2.1, Rev. Sep 2024

