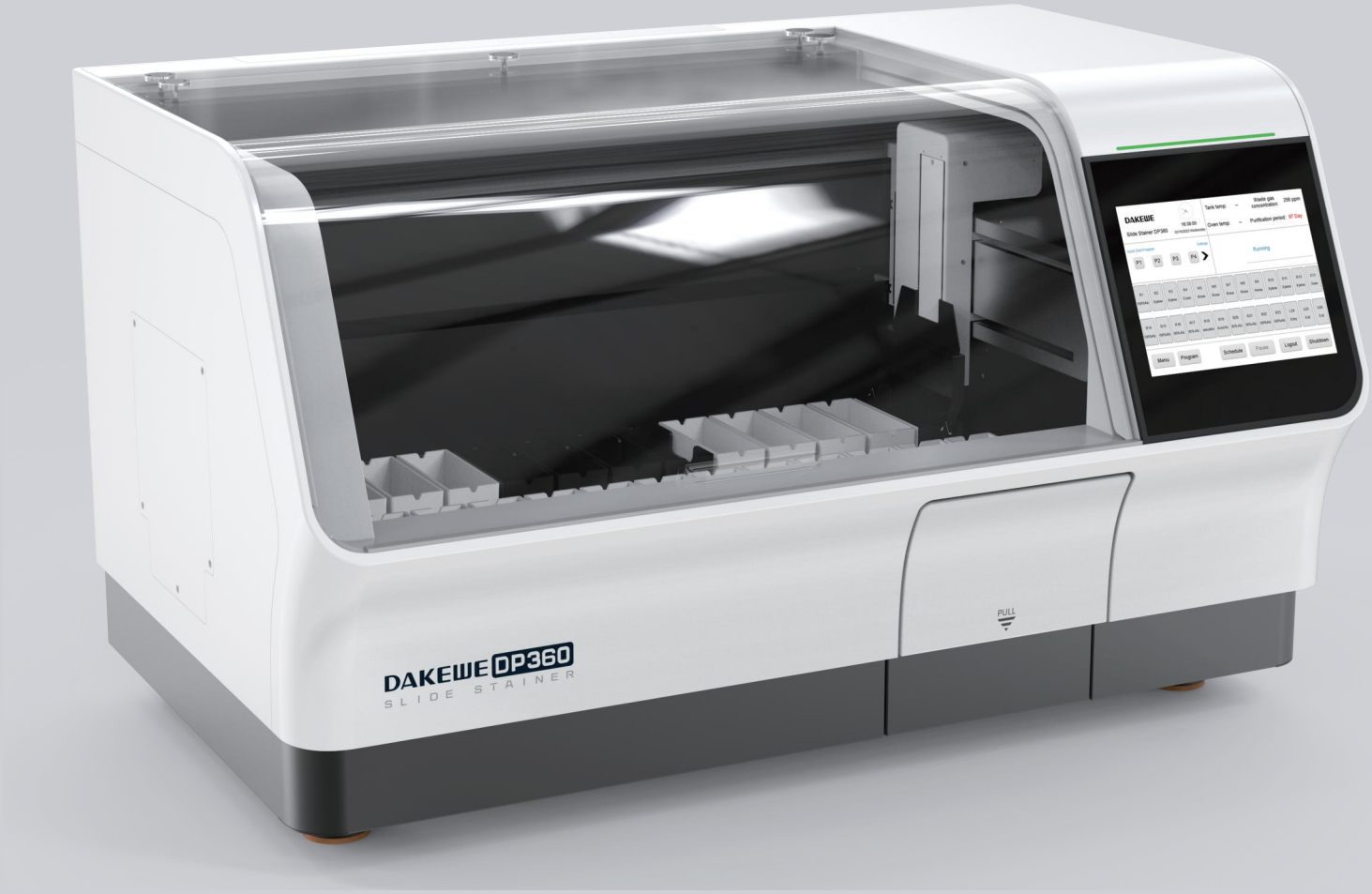
DAKEWE

Intelligent ·Traceability



Slide Stainer | DP360

Fully Automatic Intelligent Slide Stainer

CE IVD

Fully Automatic Intelligent Slide Stainer

Slide Stainer DP360 is a fully automatic intelligent stainer for routine histological and cytological Staining. It has stand-alone mode and online mode with CS500 glass coverslipper to form the integrated combo workstation. High throughput, fully automated staining process. Excellent quality control system and ready-to-use consumables and patented AAT system keeps each slide consistent.

Expertise in Quality Control
Excellent Staining Effect

- **Patented AAT system**

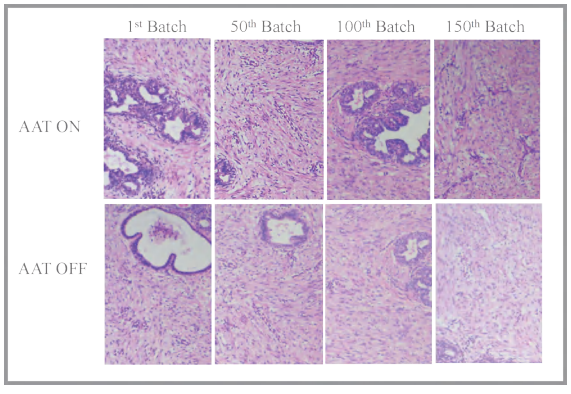
  AAT technology keeps staining consistent
  According to the specimen / numbers of staining rack and / or days of hematoxylin and eosin use, the soaking time will be gradually increased to achieve staining consistency. This system saves on the reagent cost.

- **Reagent management-quality control**

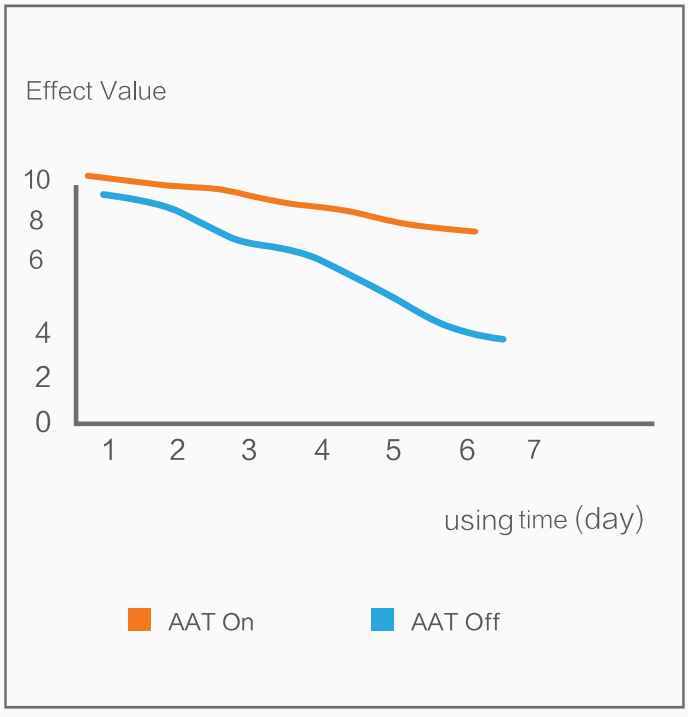
  The Software controls the reagent management system. It allows the users to monitor reagent utilization and automatically generates a replacement reminder. This report enables effective traceability and management of staining quality and helps to reduce reagent costs.

- **Reduce reagent carry over and cross contamination**

  The powerful robotic arm has the function of " leaching" and "shaking" . The Slide Stainer can effectively reduce reagent carry over and limit cross contamination.



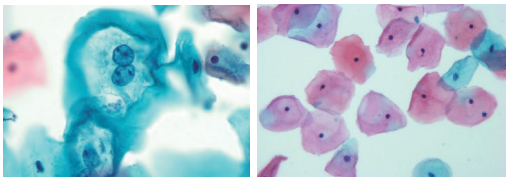
Staining consistency:
variation of Hematoxylin/ using time



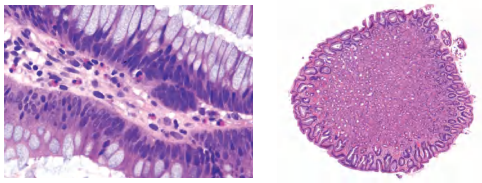
Flexibility

- **Enter up to 100 protocols**

  2 Pre-programmed protocols : H/E staining, PAP Staining, different staining programs can run together.



PAP Staining



H&E Staining

- **Flexible reagent solution**

  Optional exclusive ready-to-use reagent supplies for better results.

- **Reagent heating station**

  The reagent can be slightly heated to eliminate the impact of climate differences and save reagent costs.

- **Hydrophobic basket**

  Effectively avoid reagents from cross-contamination.

QC for Each Slide
Intelligent traceability is more accurate

- **Scientific management for reagents**

  Reminder or forcible execution for reagents renewal.
  Historical renewal records can be checked at any time.
  Graphic reports of SOP can be exported directly.
  Statistics of reagents consumption.

- **Human-computer interaction is intuitive**

  Display indicates the status of the Stainer and coverslipper, the current reagent status and the amount of slides that have been completed.

- **Remote real-time monitoring, alarms and queries**

  DAKEWE cloud remote monitoring system allows real-time monitoring of instrument status and remote warning (through webp email, SMS, and other ways), for effective management of equipment and enhanced tissue safety.

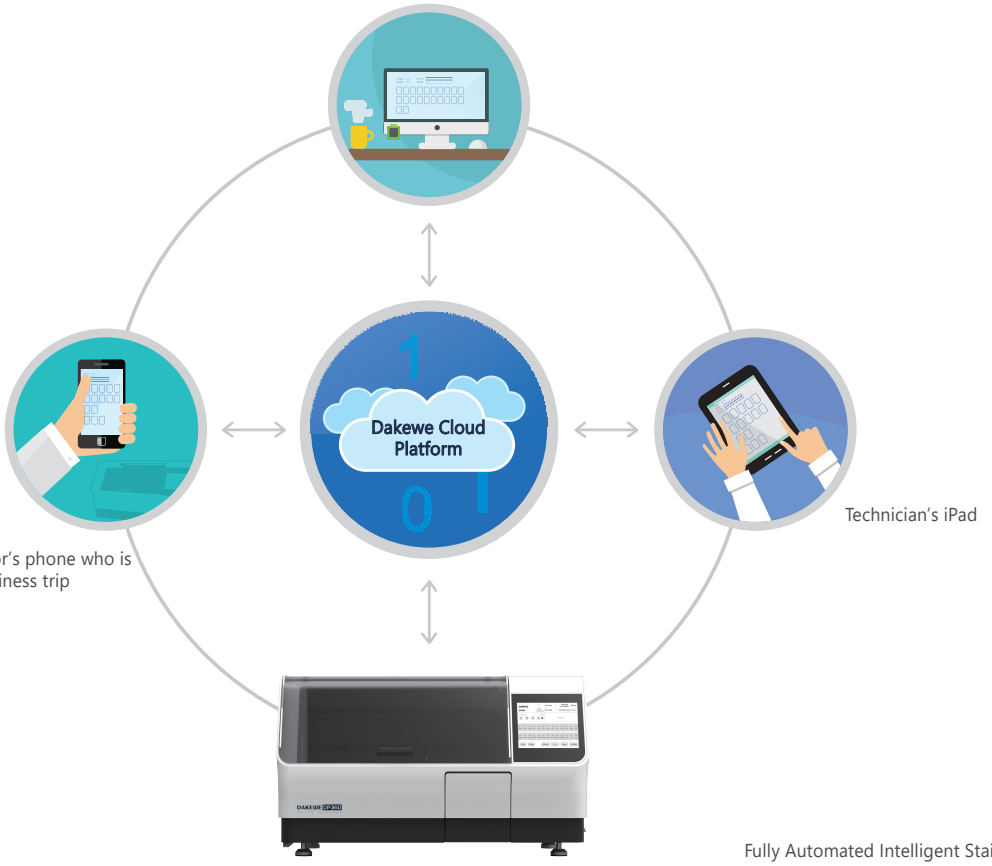
High Throughput
High Efficiency

- **High speed robotic arm**

  The robotic arm is quick and silent. Its vertical pulling speed can be as fast as 0.76 meter/second. It allows up to 11 slide racks to run at the same time. The staining time is always accurate.

- **High-throughput staining**

  The innovative intelligent software algorithm is able to handle approximately 360 slides per hour (depending on the user protocols).



Fully Automated Intelligent Stainer DP360

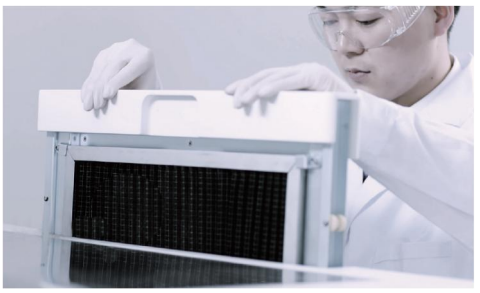
Safety and Ergonomic

- **Unique interaction**

  25 cm (10.4 inch) color touch display, user-friendly software design, simple operation process.

- **Total safety**

  The intelligent exhaust gas monitoring function ensures that fumes do not escape. The exhaust gas concentration sensor monitors in real-time to protect staff's health.



- **Various alarms**

  Real-time voice, visual signals, text, and notification via application (through your smart phone, Laptops and iPad with DAKEWE free download application) to provide an intelligent operating guide program.

SUPERIOR QUALITY · EXCELLENT SERVICE

DP360 Technical Parameters	
Dimensions, unpacked (W x D x H)	1066 x 700 x 630 mm
Net Weight	approx. 130 kg
Power consumption	1200 VA
Supply voltage/ frequency	100 - 240 VAC 50/60 Hz
Operating temperature range	+15°C to +40°C
Total stations	26
Oven station and temperature	1; Max temperature 75°C
Reagent heating station	4; Max temperature 38°C
Water washing station	4
Reservoir volume	480 ml ± 20 ml
Program storage capacity	≥100 programs
Slide rack capacity	30 pcs
Throughtput H/E	360 slides per hour

DAKEWE

Dakewe Medical

Shenzhen, China

www.dakewemedical.com