



**GENE BIO
SOLUTION**



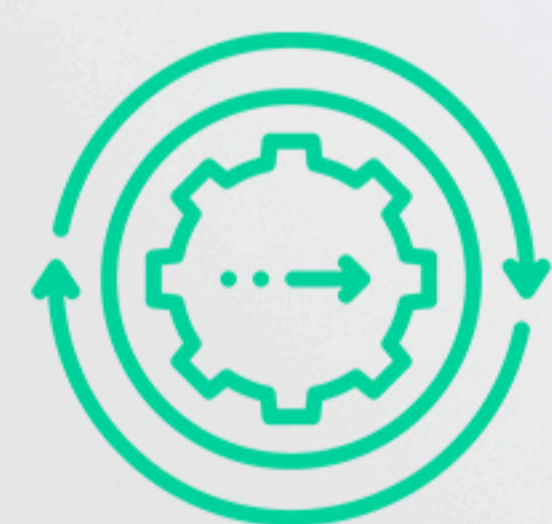
IMMUNOHISTOCHEMISTRY PRODUCT CATALOGUE

- Fully Automated Stainer for IHC and ISH



Fully-Automated Stainer for IHC and ISH

Efficient, flexible and stable pathological staining platform.



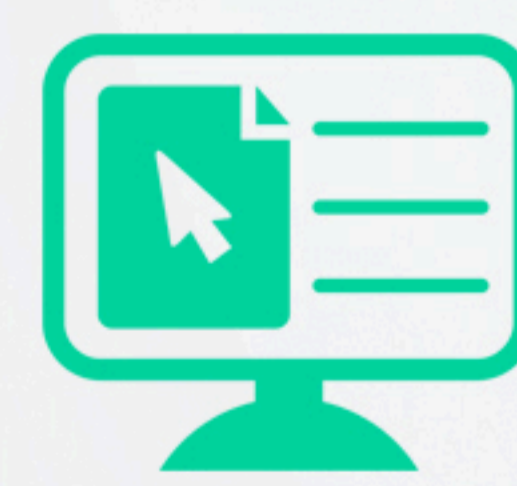
Uninterrupted Operation

During operation, slides can be loaded continuously without interfering with existing staining procedure.



Liquid Monitoring

Buffer real-time monitoring of the remaining liquid volume, reminding the user to add buffer and dispose of waste liquid in time.



Run Offline

The staining program continues to run when the device is disconnected from the software.



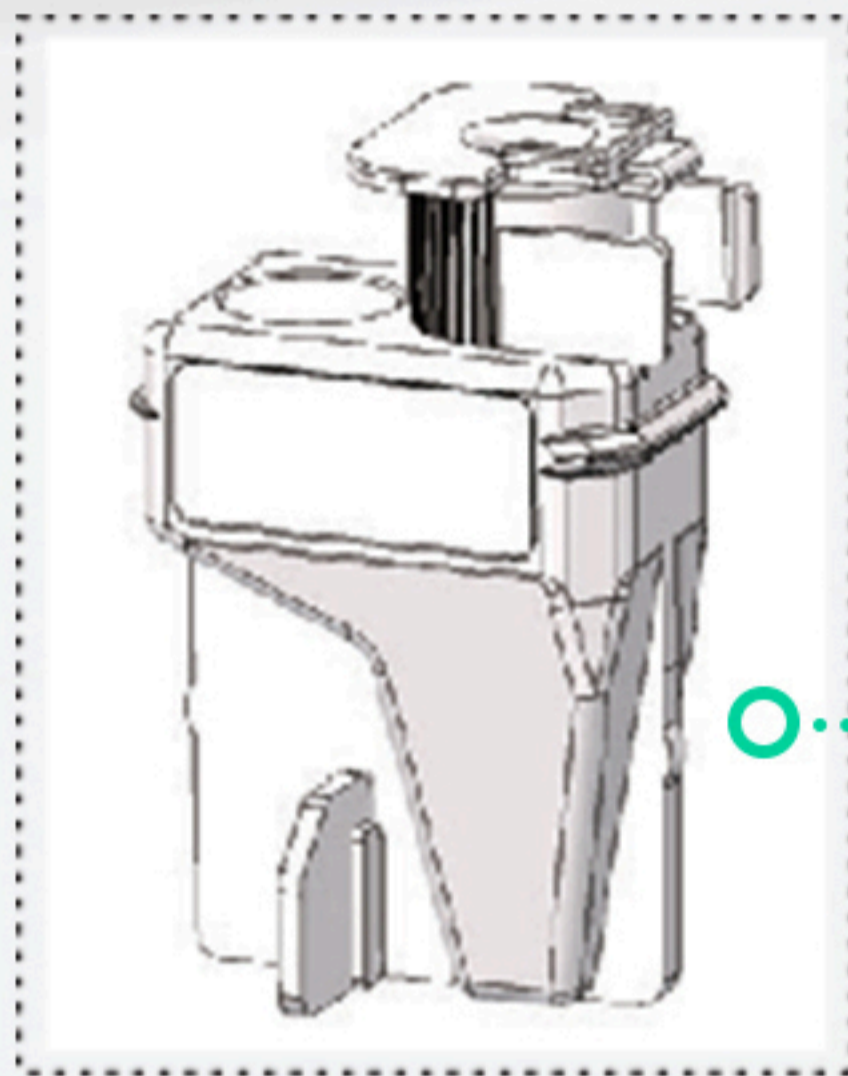
Parallel Expansion

One computer can control 5 instruments, saving space.

Instrument Structure



Display
Show remaining time

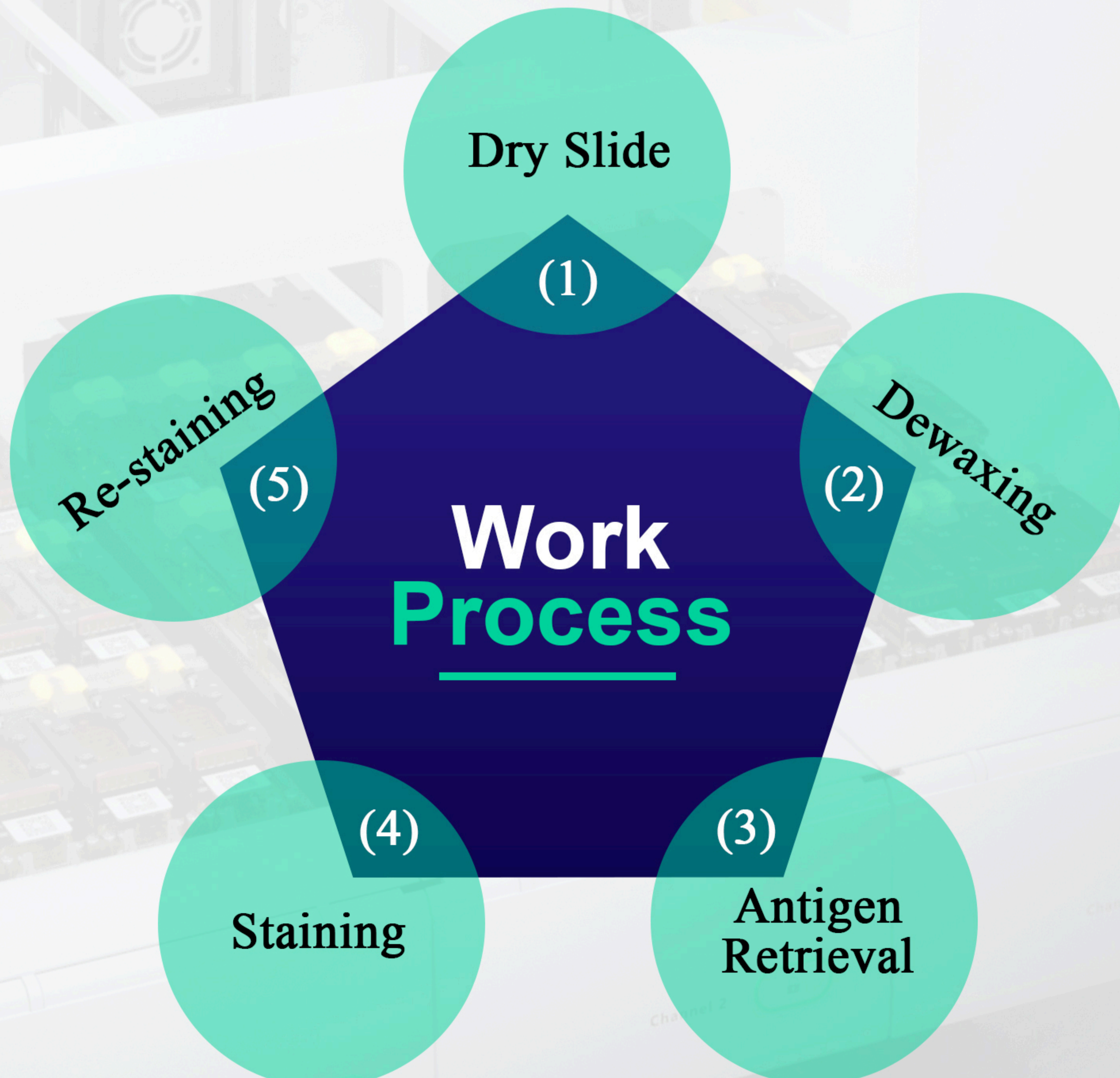


Conical bottom reagent bottle
Reagent residues are minimized
Reduce reagent waste

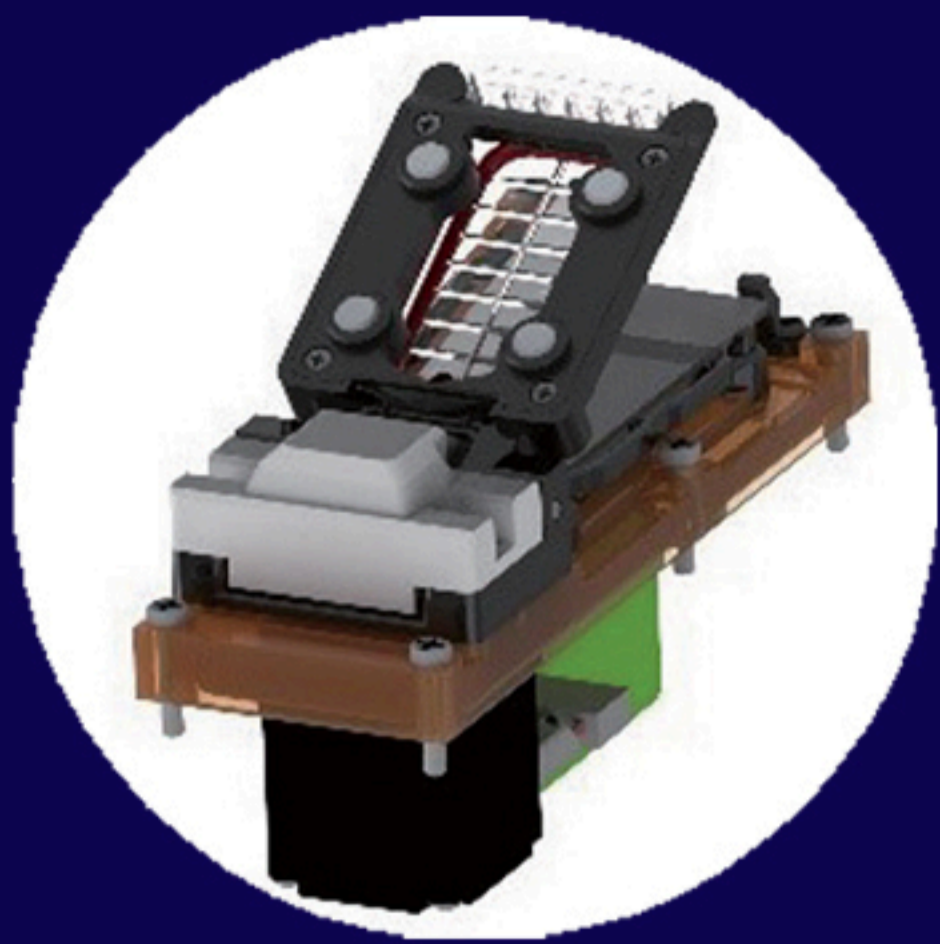


Reagent cavity
4 independent reagent racks (10*4)

Sample cavity
36 staining modules are divided into 3 independent staining cavity



Key Technology



Independent temperature control technology for each slide

- 36 staining modules are equipped with independent heating modules.
- Temperature control range from room temperature to 101°C, accurate and uniform temperature control, temperature fluctuation <0.5°C.



Wave-like mixing technology

- The liquid on the surface of the slide moves in waves to improve the antigen-antibody reaction, shorten the staining time, and ensure thorough cleaning.
- The motor drives the cover plate through the worm gear, and the cover plate can be opened to a larger angle, which is convenient for maintenance and cleaning.



Independent liquid cover film technology

- Works long with IHC staining
- Improve reaction efficiency and ensure staining quality



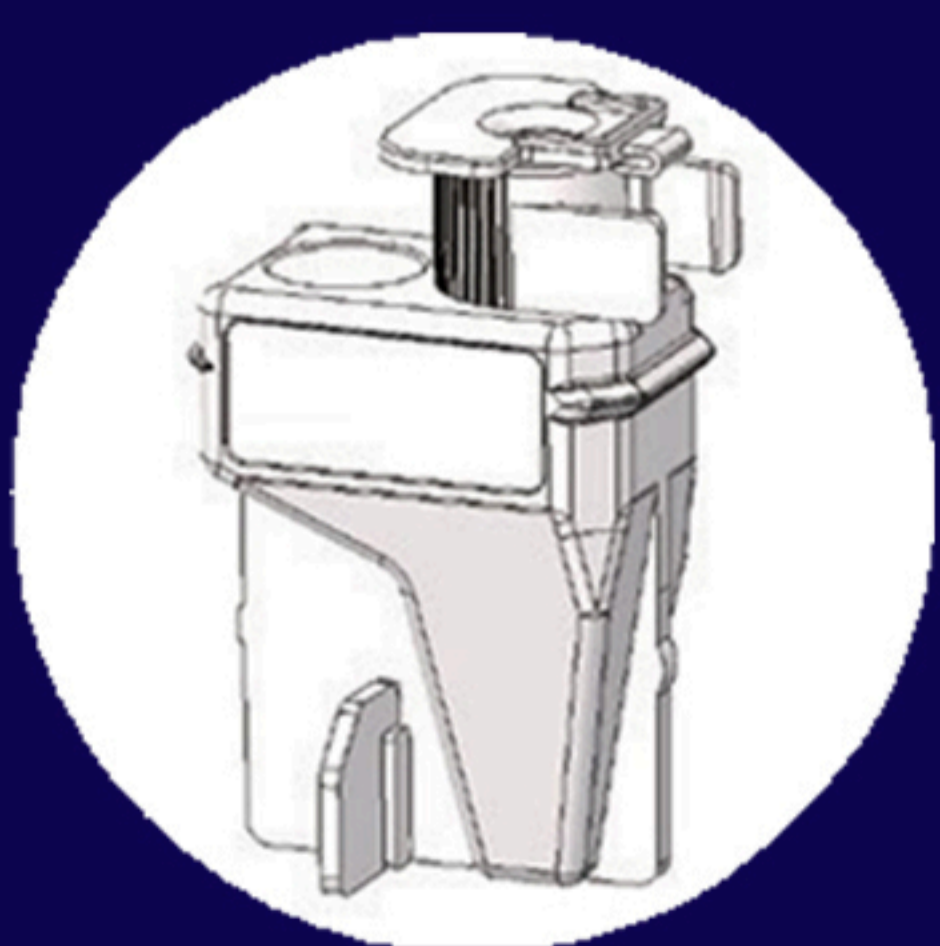
RFID chip technology

- Reduce the pre-treatment time of the experiment, and place the reagent bottle without restriction.
- 40 reagent bottles are equipped with independent scanning antennas, & time to identify 40 reagent bottles is less than 10s. It's recognized when inserted, efficient & accurate.



QR code identification technology

- Using QR code technology to identify slides, slides can be placed at will
- Identify 36 slides <30s



Economical reagent design

- Only needs 130 μ L to cover the whole slide
- Reduce reagent residue



Uninterrupted operation

- During operation, slides can be loaded continuously without interfering with existing staining procedure.
- In the same way as stain module.

Software Operation Interface

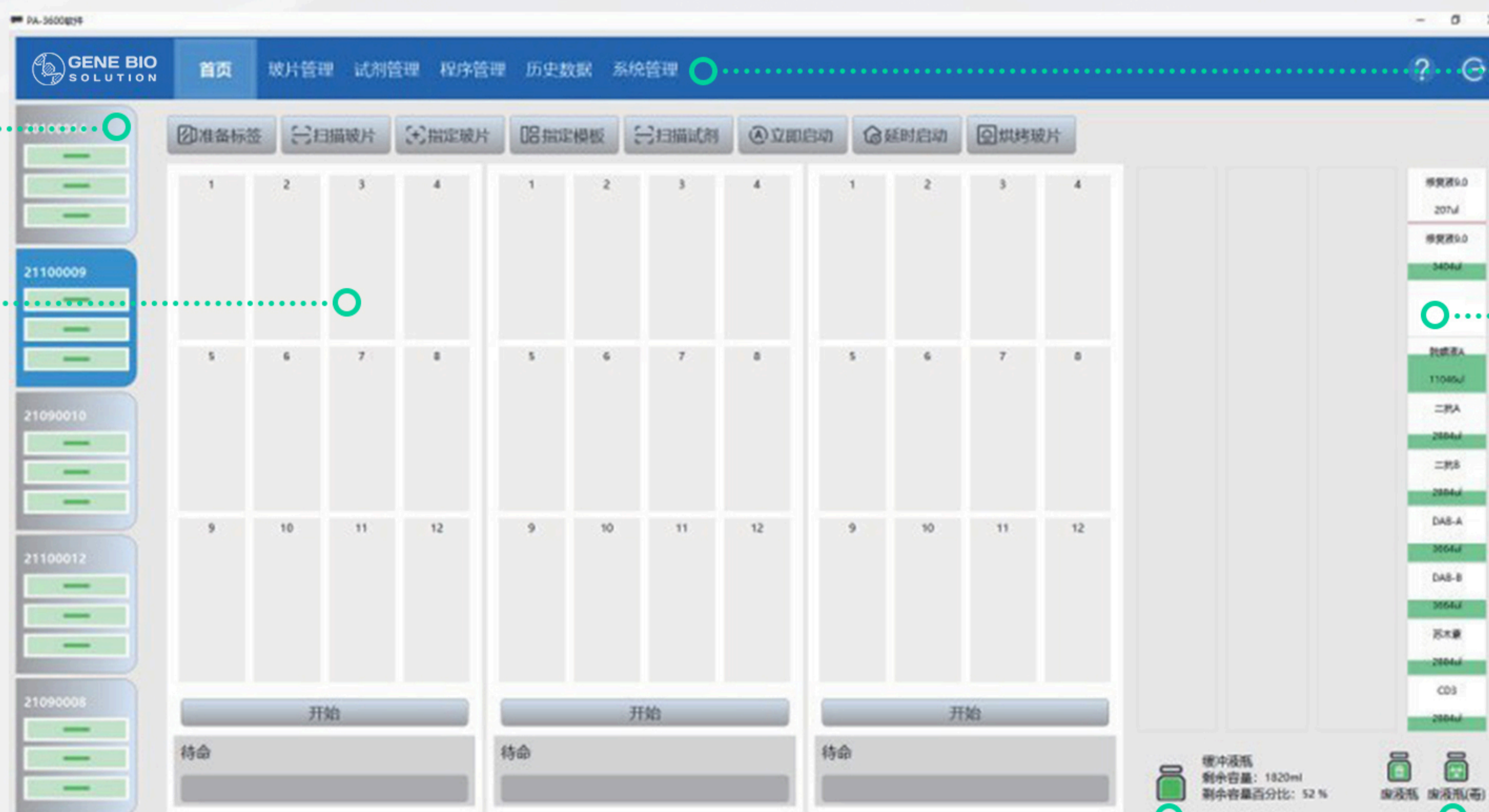
Clear Partition &
High Visualization

Easy Operation

Situation Display &
Reminding Timely

Instrument
status display

Staining
operation



Function
button

Reagent status
display

Waste
container
status display

Buffer status display

Secondary Antibody Reagent System

- Immunochromogenic Reagent
- Sample Release Reagent
- Wash Buffer
- Retrieval Solution(pH9.0)
- Retrieval Solution(pH6.0)
- Bluing Reagent
- Enhancer(Linker)

Technical Parameter

Item	Parameter
○ Instrument model	GBS-360
○ Appearance	Desktop
○ Function	Fully automated baking, dewaxing, antigen repair, staining & re-staining process.
○ Scope of application	IHC、ISH、CISH、FISH、Dual ICC
○ Slide capacity	36
○ Reagent capacity	40
○ Running time / round	< 3.5h
○ Temperature range	Room temp - 101°C
○ Continuous loading	√
○ Reagent volume	≤ 130μL

Item	Parameter
○ Parameter	Wave-like mixing technology
○ Delayed op. function	√
○ Separate waste liquid treatment	√
○ Waste liquid volume	< 2L/round
○ Weight	135 kg
○ Size	1050*690*736 mm
○ Ambient temperature	18°C~30 °C
○ Rated voltage	100~240 Vac
○ Input power	900 VA
○ Frequency	50/60 Hz

Product Category	Product Name	Catalog No.
○ Instrument	Fully automated stainer for IHC and ISH (GBS-360)	GBS999
○ Secondary Antibody	Immunochromogenic Reagent	GBS85
○ Secondary Antibody	Sample Release Reagent	GBS86
○ Secondary Antibody	Retrieval Solution(pH9.0)	GBS88
○ Secondary Antibody	Retrieval Solution(pH6.0)	GBS89
○ Secondary Antibody	Bluing Reagent	GBS97
○ Secondary Antibody	Enhancer(Linker)	GBS37
○ Secondary Antibody	Wash Buffer	GBS87



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