

QUALINEX

FULLY AUTOMATED IHC STAINING SYSTEM - PA 3600 -

Precision. Efficiency. Reproducibility

The new standard in advanced automation for histopathology delivering precision, efficiency, and reproducibility for modern labs.



clinisciencences

Why Choose the PA-3600?

PA-3600 Fully Automated IHC Staining System provides market leading ease of use, low reagent consumption and waste. The micropolymer detection and reagents in combination with unique incubation technology and flexible programming options produce high quality, clean and crisp results that minimize workloads for both histotechnicians and pathologists alike.

The PA-3600 Fully Automated IHC Staining system does not only provide a solution for your standard IHC but is also suitable for multiplex IHC, ISH and FISH protocols.



3

Channel

36

Slide position

40

Reagent position



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

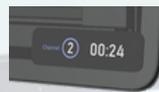
The staining program continues to run when the device is disconnected from the software.



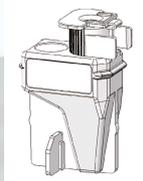
Parallel Expansion

One computer can control 5 instruments, saving space.

Key Technology



Display
Show remaining time



Conical bottom reagent bottle
Reagent residues are minimized
Reduce reagent waste
Only 130uL reagent per slide



Reagent capacity
4 independent reagent racks (10*4)



Sample capacity/ Uninterrupted operation

36 staining modules are divided into 3 independent staining channels
During operation, slides can be loaded continuously without interfering with existing staining procedure.
In the same way as stain module



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



QR code identification technology

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

RFID chip technology

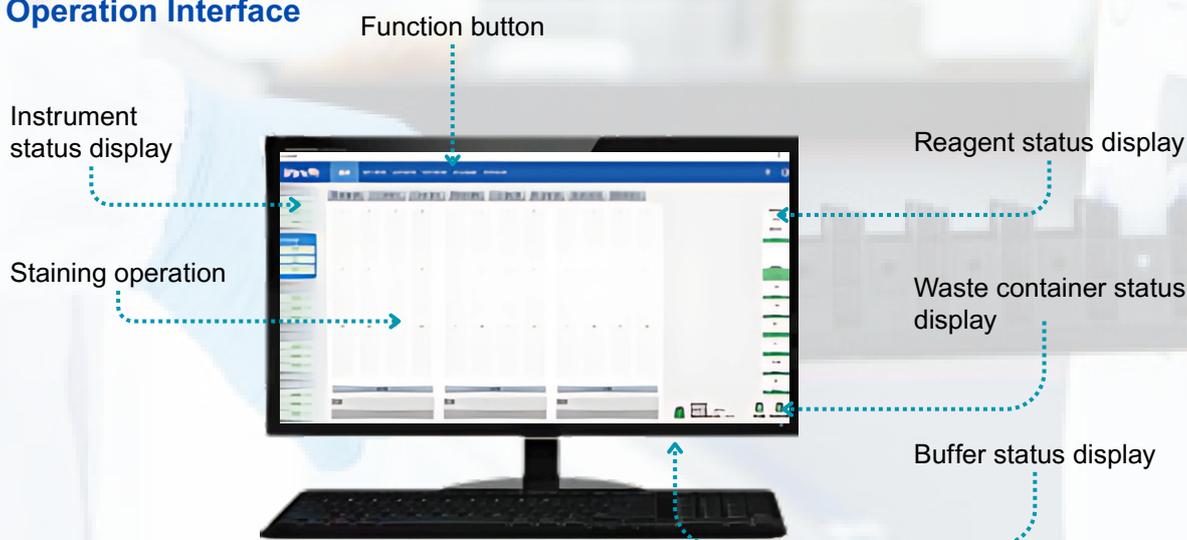
- Reduce the pre-treatment time of the experiment, and place the reagent bottle without restriction
- 40 reagent bottles are equipped with independent scanning antennas, and the time to identify 40 reagent bottles is less than 10s. It is recognized when inserted, efficient and accurate

Technical Specifications

Item	Parameter
Instrument model	PA-3600
Function	Fully automated baking, dewaxing, antigen repair, staining and re-staining process.
Application	IHC、ISH、CISH、FISH、Dual ICC
Throughput	36
Reagent capacity	40
Running time / batch	< 3.5h
Temperature range	Room temperature - 101°C
Continuous loading	√
Reagent volume	≤130μL

Item	Parameter
Reaction kinetics	Wave-like mixing technology
Delayed operation function	√
Waste liquid volume	< 2L/batch
Weight	135kg
Dimension (D*W*H)	1050*690*736mm
Ambient temperature	18°C ~ 30 °C
Rated voltage	AC220V
Input power	900VA
Frequency	50/60 Hz

Software Operation Interface



- Clear Partition & High Visualization
- Easy Operation
- Situation Display & Reminding Timely

Validated Reagents & Antibodies

Compatible with a wide range of antibodies and reagents to meet diverse diagnostic and research needs.

Primary antibody

Product Name	Clone	Status
ALK	QR017	IVDR
CD10	QR021	IVDR
CD117	QR012	IVDR
CD3e	QR004	IVDR
CK pan (AE1/AE3)	QR124	IVDR
Claudin 18	QR120	IVDR
Estrogen receptor	QR013	IVDR
GATA3	QR018	IVDR
HER2/Neu	QR003	IVDR
INSM1	QR128	IVDR
Ki-67	QR015	IVDR
MLH1	QM003	IVDR
MSH2	QR010	IVDR
MSH6	QR011	IVDR
p16	QR019	IVDR

Product Name	Clone	Status
p63	QR007	IVDR
PAX8	QR016	IVDR
PD-L1	QR001	IVDR
Pin-Cocktail	QR108/QM006	IVDR
PMS2	QR009	IVDR
PRAME	QR005	IVDR
Progesterone receptor	QR014	IVDR
SOX10	QR006	IVDR
TRPS1	QR099	IVDR

Discover the PA-3600 Advantage

Boost your lab's efficiency with automation you can trust.

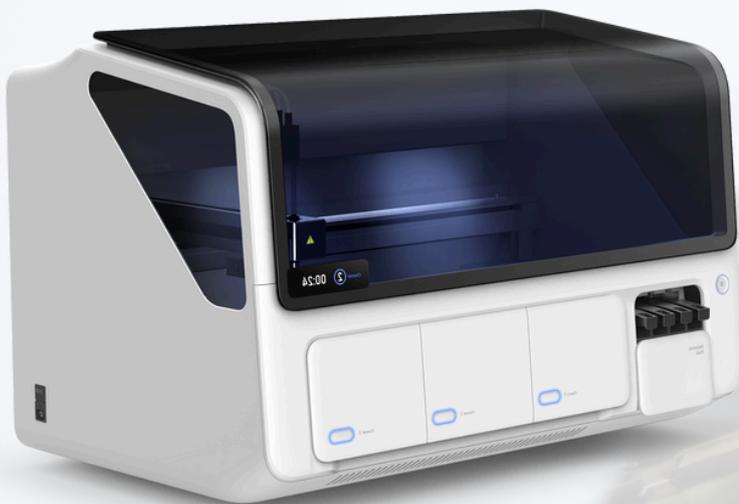
Watch the Demo Video

Scan the QR code to see PA-3600 in action.



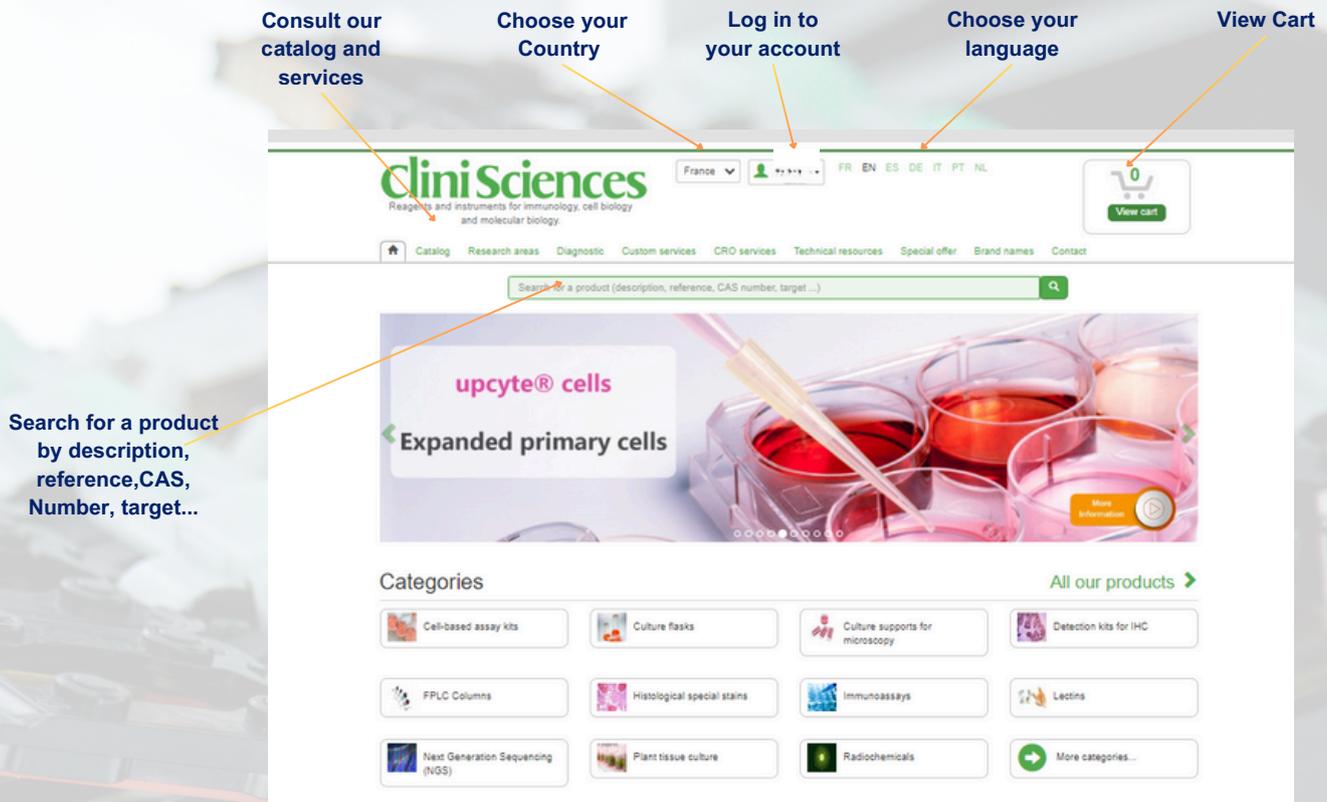
Request a Demo with Our Technical Team

Get personalized support and see how PA-3600 fits your workflow

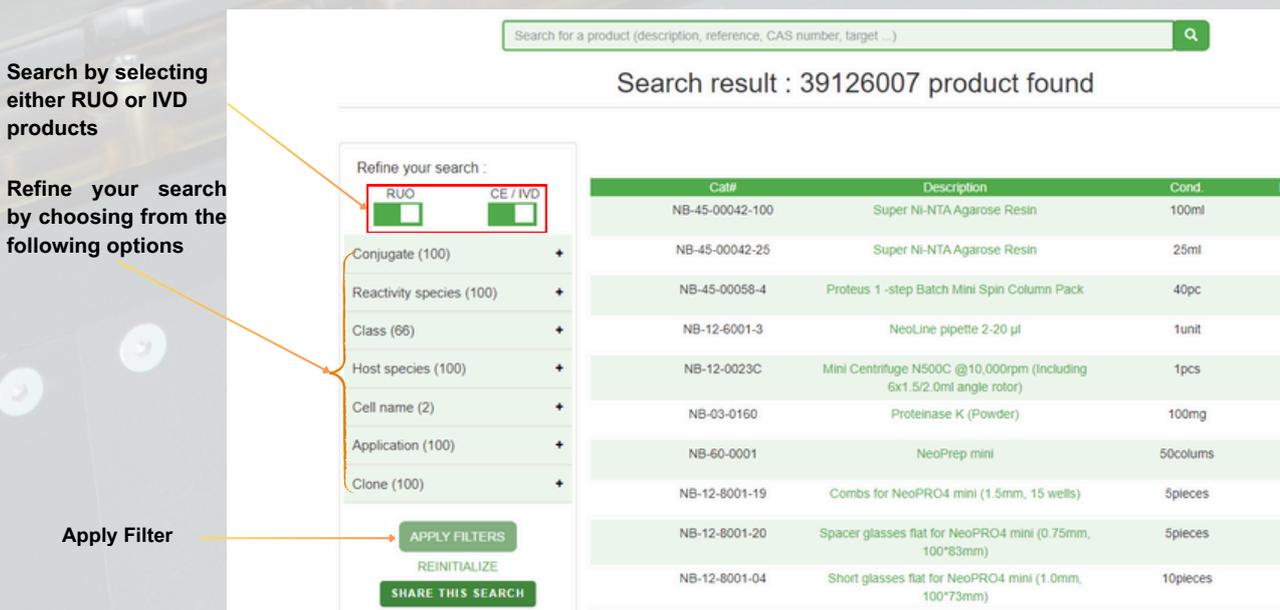


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Search Bar: Look for specific Products and equipment



“Remember, if you ever get lost or have questions, don't hesitate to reach out to our customer support team. They're here to help you address any concerns you may have.”

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