

**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.



# clinisciences

# 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.



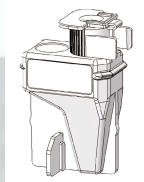
## Parallel Expansion

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



## 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

## QR code identification technology

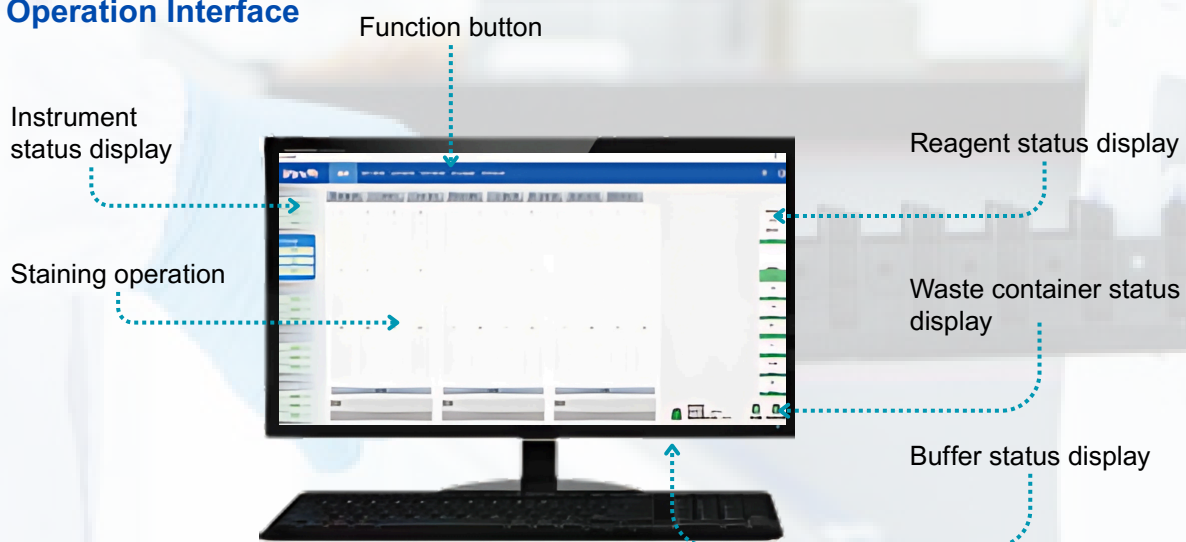
- Using QR code technology to identify slides, slides can be placed at will
- Identify 36 slides <30s

## 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	Cat number	Clone	Status	Product Name	Cat number	Clone	Status
AMACR	QP-A004-70	QR108	IVDR	Ki-67	QP-K001-70	QR015	IVDR
Androgen receptor	QP-A006-70	QR135	IVDR	Melan A	QP-M015-70	QR138	IVDR
BAP1	QP-B005-70	QR119	IVDR	MLH1	QP-M001-70	QM003	IVDR
c-Myc	QP-C018-70	QR061	IVDR	MSH2	QP-M004-70	QR010	IVDR
Calponin 1	QP-C053-70	QR139	IVDR	MSH6	QP-M005-70	QR011	IVDR
Carbonic anhydrase 9	QP-C047-70	QR114	IVDR	MTAP	QP-M013-70	QR131	IVDR
CD1a	QP-C050-70	QR123	IVDR	NKX3.1	QP-N003-70	QR055	IVDR
CD3e	QP-C002-70	QR004	IVDR	p16	QP-QP010-70	QR019	IVDR
CD10	QP-C006-70	QR021	IVDR	p40	QP-QP007-70	QR020	IVDR
CD68	QP-C045-70	QR105	IVDR	p63	QP-QP004-70	QR007	IVDR
CD117	QP-C003-70	QR012	IVDR	PAX8	QP-QP008-70	QR016	IVDR
CDK4	QP-C048-70	QR115	IVDR	PIN-Cocktail (AMACR/p63)	QP-QP012-70	QR108/QM006	IVDR
CEA	QP-C046-70	QR117	IVDR	PMS2	QP-QP005-70	QR009	IVDR
Claudin 4	QP-C055-70	QR137	IVDR	PRAME	QP-QP003-70	QR005	IVDR
Cytokeratin 18	QP-C054-70	QR147	IVDR	Progesterone receptor	QP-QP006-70	QR014	IVDR
Cytokeratin 19	QP-C051-70	QR125	IVDR	PSA	QP-QP014-70	QR038	IVDR
Cytokeratin pan	QP-C010-70	QR124	IVDR	ROS1	QP-R001-70	QR148	IVDR
EMA	QP-E007-70	QR118	IVDR	SATB2	QP-S002-70	QR023	IVDR
Estrogen receptor	QP-E001-70	QR013	IVDR	SMARCA4	QP-S011-70	QR132	IVDR
GATA3	QP-G001-70	QR018	IVDR	SOX10	QP-S001-70	QR006	IVDR
Granzyme B	QP-G006-70	QR130	IVDR	STAT6	QP-S006-70	QR041	IVDR
Hep Par-1	QP-H004-70	QR122	IVDR	Tenascin C	QP-T006-70	QR146	IVDR
Histone H3.3 G34W	QP-H006-70	QR133	IVDR	TRPS1	QP-T003-70	QR099	IVDR
INSM1	QP-I010-70	QR128	IVDR				

# Discover the PA-3600 Advantage

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

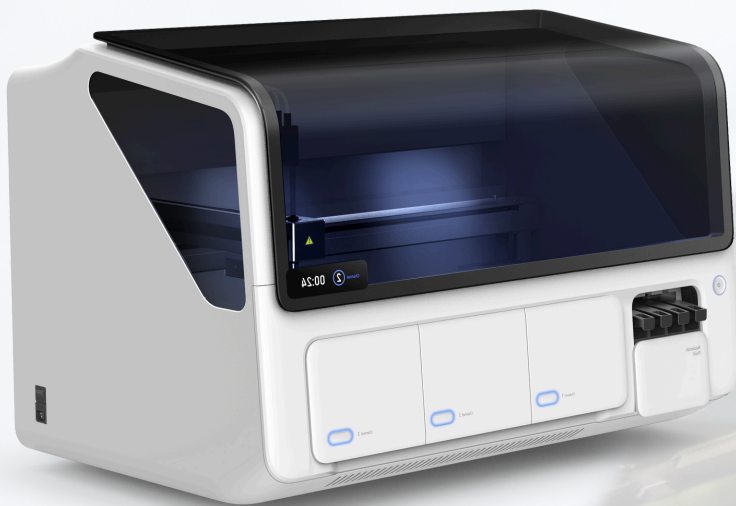
## Watch the Demo Video

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



# How to navigate through our website?

**Homepage:** When you first visit our website, you'll land on the homepage. This is where you can find an overview of our services, products, or any important announcements. From here, you can navigate to other sections of the website.

Callouts on the homepage:

- Consult our catalog and services
- Choose your Country
- Log in to your account
- Choose your language
- View Cart
- Search for a product by description, reference, CAS, Number, target...

The homepage features a search bar, a main banner for 'upcyte® cells Expanded primary cells', and a grid of product categories including Cell-based assay kits, Culture flasks, Culture supports for microscopy, Detection kits for IHC, FPLC Columns, Histological special stains, Immunoassays, Lectins, Next Generation Sequencing (NGS), Plant tissue culture, and Radiochemicals.

**Search Bar:** Look for specific Products and equipment

Search result : 39126007 product found

Refine your search by selecting either RUO or IVD products

Refine your search by choosing from the following options

Apply Filter

Cat#	Description	Cond.
NB-45-00042-100	Super NI-NTA Agarose Resin	100ml
NB-45-00042-25	Super NI-NTA Agarose Resin	25ml
NB-45-00058-4	Proteus 1 -step Batch Mini Spin Column Pack	40pc
NB-12-6001-3	NeoLine pipette 2-20 µl	1unit
NB-12-0023C	Mini Centrifuge N500C @10,000rpm (Including 6x1.5/2.0ml angle rotor)	1pcs
NB-03-0160	Proteinase K (Powder)	100mg
NB-60-0001	NeoPrep mini	50columns
NB-12-8001-19	Combs for NeoPRO4 mini (1.5mm, 15 wells)	5pieces
NB-12-8001-20	Spacer glasses flat for NeoPRO4 mini (0.75mm, 100*83mm)	5pieces
NB-12-8001-04	Short glasses flat for NeoPRO4 mini (1.0mm, 100*73mm)	10pieces

**“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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