HE 6110 technical parameters

Main parameters

Application scenarios: various staining and sealing of histology, cytology, etc.

Slide rack capacity: 10 pieces/rack

Reagent station capacity: 150ml

Sealing speed: ⩾400 pieces/hour

Electric maximum suction force: 4.5kgx2

Total stations: 27

Reagent station: 20 (2 heat reagent cylinders)

Flowing water washing station: 3

Baking cylinder station: 2

Electric loading and unloading station: 1 each

Machine details

NET: 120kg

size: 920 (with screen 970) x540x530mm

power supply

Input voltage: AC 220V, input current 7.5A

Output voltage: DC 24V, output current 25A

Environment

Temperature: 10℃+50℃

Humidity: 55%

Hematoxylin-eosin high-definition constant staining reagent



H-E high-definition constant staining solution is improved on the basis of traditional H-E staining solution. It consists of five reagents: stabilizing solution, hematoxylin staining solution, differentiation solution, blueing solution, and eosin staining solution; after the cell or tissue sections are stained with H-E high-definition constant staining solution, the cell nucleus is stained bright blue-purple, the cytoplasm, muscle fibers, collagen fibers, etc. are red to varying degrees, and the red blood cells are orange-red. 1 liter set can be constantly stained for 5,000 sheets to ensure consistent staining effect.

www.beiantmed.com

ShenZhen Beiant Medical TechnologyCo.,Ltd.
C10, Konka Technology Center,Guangming District， Shenzhen,China

Service hotline number： 0086 0755 86672116

Beiant

ShenZhen Beiant Medical TechnologyCo.,Ltd.

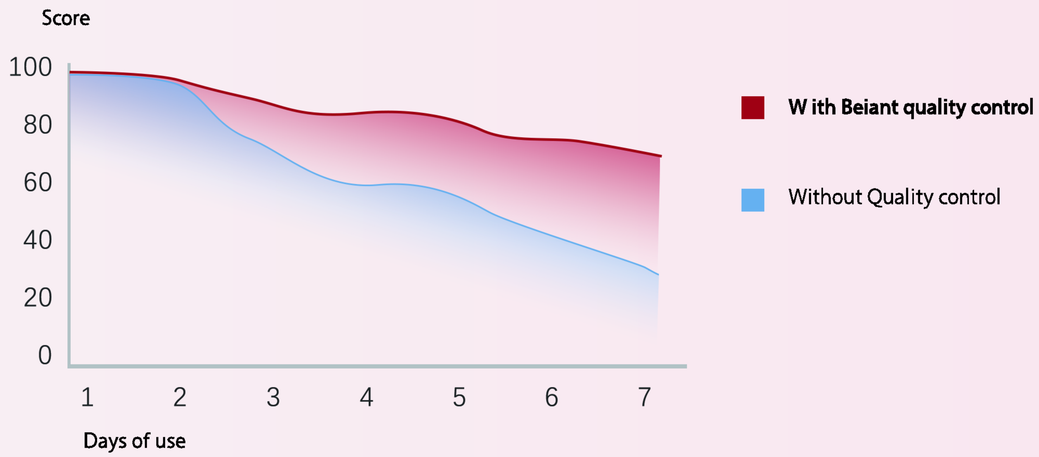


HE6110 Slide Stainers & Coverslippers Workstation

◎ Easy operation ◎ Persistent and stable ◎ Efficient work



Staining effect curve



HE 6110 (Fully automatic staining and sealing for cytology and histology before pathological analysis)

Product features

Efficient staining through intelligent simulation technology, while effectively managing the quality of reagents and controlling costs.

Based on dual-track robotic arms and dual magnetic suction technology, bionic shaking dyeing can be performed, and the dyeing is accurate and efficient; precise temperature control and slow mixing technology can accurately control the reagent conditions to maximize the efficiency of the reagents, and intelligent counting superposition and time adjustment technology can effectively manage the quality of reagents. The small-capacity reagent cylinder design, while the reagent cylinder has automatic liquid level detection reminder, water cylinder overflow alarm and automatic water shut-off to prevent overflow, can minimize human errors, reduce waste and control costs.

Reduce automatic start errors of staining programs

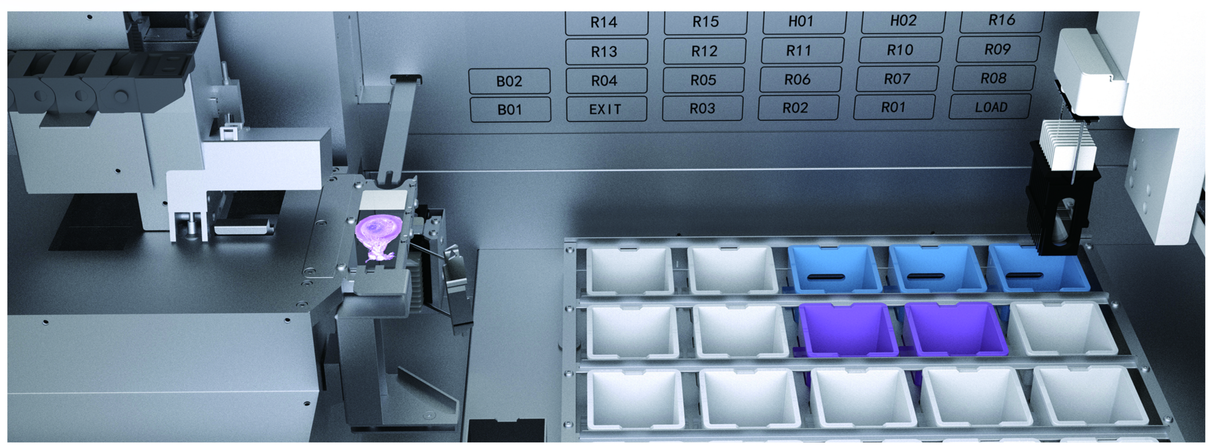
Start a single staining program when inserting a slide rack, so that the slide rack and slides can be easily identified and correctly assigned to a specific staining program, thereby reducing human errors.

No compromise on flexibility

It can complete at least 400 coverslips per hour and store at least 100 coverslips in the a coverslip chamber , you can run coverslipping and staining at high speed, and save time.

Technological innovation, safe "escort"

- Automatic immersion and cleaning of the dispensing head
- High-level safety alarm for water flowing
- Even pressure of motor rotation and sealing
- stable and smooth dual-track support of the robotic arm
- Reagent liquid level detection and low-level alarm
- Stable control of dual magnetic mechanical suspension
- Automatic oscillation of the staining rack for full and efficient staining
- Fully automatic statistical quality control
- Automatic collection of sealing waste liquid, automatic anti-sticking of the cover glass
- Reading and writing of electronic labels for sealed reagents



Automatic oscillation and mixing:
full-area mixing and stirring, full glass slide mixing and covering

Independent temperature control:
Independent temperature control of reagent tank, baking tank, and glass slide chamber

Auto loading:
Automatic loading and unloading of dyeing racks