



# GBS-ST-120

Full-automatic IHC&ISH Stainer

- Fast
- High-throughput
- Intuitive
- Multi-functional



**Genebio Solution**

**Email: [info@genebiosolution.com](mailto:info@genebiosolution.com)**

**Website: [www.genebiosolution.com](http://www.genebiosolution.com)**

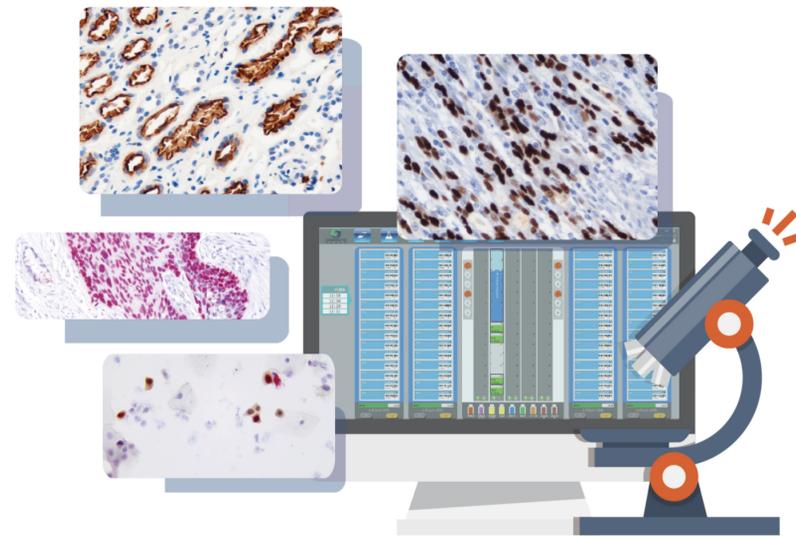
**Address: 4448 Ammendale Rd Beltsville, MD 20705, USA**



## GBS-ST-120

### >> Summary

The one-stop solution for complete IHC&ISH workflow GBS-ST-120 full-automatic IHC&ISH stainer is a powerhouse that performs multiple immuno-staining protocols in a single platform, with outstanding fast turnaround time and high-throughput. Ready-to-use reagent kits and protocols are also supplied to ensure optimal staining results.



### >> PRODUCT FEATURES

#### 01

##### High-throughput

120 slides per run



#### 02

##### Fast turnaround time

2.5 hrs turnaround time, powered by robotic arms and bulk liquid trains,



#### 03

##### Intuitive

Detachable touch-pads with remote control capability



Touch pads for daily operations, Detachable, remote control allowed

15 slides per tray, 4 trays per device, 120 slides per run

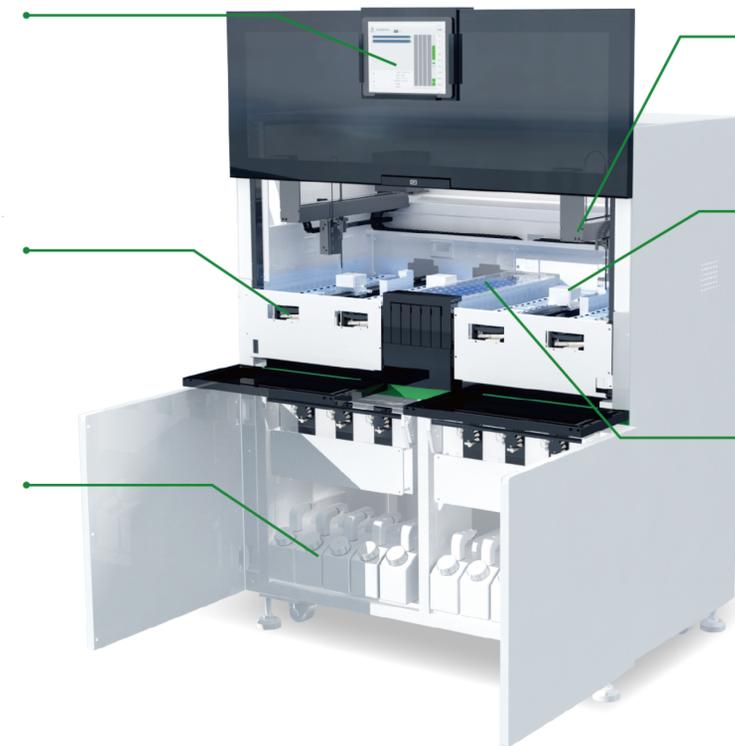
Bulk liquid containers, 4L capacity, easily detachable

GBS-ST-120

2 main robot arms for streamlined workflow

Bulk liquid trains on each slide tray, greatly reduce turnaround time

Motor-driven reagent chamber. 70 reagent containers distributed among 5 motor driven reagent trays can separately slide out with one screen-touch.



#### 04

##### Temperature Control

Constant temperature control for both slide chamber and reagent chamber



#### 05

##### Flexibility in Slides and Reagent Placement

Allow loading and unloading of reagent and slides during protocol runs  
Allow multiple protocols to run simultaneously



#### 06

##### Multifunctional

Support IHC, ISH, mIHC, ICC protocols





# GBS-ST-120

## Full-automatic IHC&ISH Stainer



# Product Specifications

## General characteristics

Full-automatic	Baking, deparaffinization, antigen retrieval, blocking, detection, counterstain, for IHC, Multiplex IHC and ISH applications.
Intuitive software interface	Visual monitoring of reagent volume, running time, fault message.
Waste Separation	Non-toxic deparaffination solution. Separate waste containers for hazardous waste (DAB waste) and non-hazardous waste. Help labs save both time and money spent on waste disposal.
Slide Capacity	8 trays, 120 slides
Turnaround Time	2.5hrs
Robot design	4 main robot arms, 8 bulk liquid trains
Temperature control	The reagent chamber is maintained between 14~ 18C° The slide chamber is maintained between 25 ~ 30° for incubation, slides can be heated up to 100° for antigen retrieval
Dispense volume	Dispense volume can be adjusted between 100ul, 120ul, or 150ul for optimal staining results.
Reagent container capacity	7ml and 30ml
Number of reagent container spots	140
Bulk liquid container	4L X 6
Waste containers	Non-hazardous, 4L X 3 harzardous, 4L X 1
Fluid probe	Stainless steel

## Environmental requirements

Operating temperature	5C° ~ 35C° (41F ~ 95F)
Maximum heating energy output	2800VA
Dimensions (L x W x H)	1370mm x 820mm x 1600mm
Weight	800KG

## Electrical parameters

Voltage and Mains frequency	AC 110V/60Hz or AC 220V/50Hz
Power consumption	2800VA