

*i6000*TM *Diagnostics*

Integrated high-throughput workflow solution



Clean, crisp, and intense stains
60 slides in 3 hours



About i6000™ Diagnostics

BioGenex i6000™ Diagnostics is a multipurpose fully integrated staining system that is designed to work seamlessly with LIS enabled i500™ Plus for barcode printing and EZ-Retriever® with EZ-AR solutions for de-waxing, rehydration and antigen retrieval.

EZ-Retriever® System

The EZ-Retriever® System + EZ-AR™ Elegance Buffers is an All-in-One and All-at-Once solution for one-step dewaxing, rehydration, and antigen retrieval. The EZ-Retriever® System is a microwave based system that streamlines the entire antigen retrieval process.

- Microwave based technology – fast uniform heating and cooling for consistent results
- High Throughput - 96 Slides in 30 minutes
- Four different Antigen Retrieval solutions can be used simultaneously
- Programmable time and temperature controls
- Wide range of heating capabilities between 40 °C – 107 °C
- Optimized factory protocols for consistent results
- Built-in temperature probe and LCD display
- Complies with CLSI guidelines
- Tissue morphology is not compromised



EZ-AR™ Elegance solution

- Dewaxing, rehydration, and antigen retrieval in a single step
- Superheating retrieval solutions – no boils and spill-overs
- EZ-AR™ Elegance solutions are stable up to 107 °C with little to no evaporation
- EZ-AR™ Elegance solutions are reusable up to 4 times
- EZ-AR™ 2 Elegance retrieves almost all antigens for intense clean super stains
- EZ-AR™ Elegance solutions are non-hazardous, non-inflammatory, and odourless



i500™ Plus

BioGenex i500™ Plus is a LIS-enabled barcode label printer designed to print chemical resistant labels for glass slides. This simple device eliminates manual writing, allows users to print information (e.g. accession number, tissue type) efficiently, and retrieves data for quick printing.

- Chemical resistant labels for glass slides
- User-friendly software
- Synchronizes factory staining protocols stored on the system
- Print speed: 6 labels/second



Key features and benefits of i6000™ Diagnostics

Adaptable, Efficient, Productive, and Profitable

- Dispense reagents as low as 100 µL/slide
- Predictable cost structure
- High capacity – 60 slides and 53 antibodies per run
- More productivity per square foot of lab space
 - High throughput – up to 200 slides in an 8 hrs. shift, 60 slides in 3 hours
 - Start delayed run and return to stained slides next morning

Flexible System

- Multiple slide processing options - Random, Continuous, and STAT
- Multi format specimen processing - FFPE, frozen, cell preparations, fine needle aspirates, and smears

Easy to Use

- Advance XYZ robotics with slide carriers and reagent racks allow quick set-up
- Top loading system ensures easy handling and management of slides and reagents
- Color-coded GUI with real-time assay parameter display for all slides
- Short learning curve allows cross-training and rotation of personnel
- Real-time audio and visual alerts

Reproducible and Reliable Results

- Standardized staining process
- Over 600+ optimized protocols with ready-to-use reagents in barcoded vials
- Liquid level sensor ensures accurate reagent handling
- Disposable pipettes eliminate cross-contamination

Reports and LIS connectivity

- Customized or standard reports for inventory management and regulatory compliance & submission
- LIS connectivity*
- Step-by-step protocol log for every slide
- Run parameters, reagent expiration dates, and specimen used
- Reagent inventory management

*Optional

i6000™ Diagnostics system



Removable Reagent Racks (2x30 vials)

- Offers quick and convenient storage of reagent vials
Enables multiple staining protocols in a single run



Bar-coded Slides and Reagent Vials

- Requires minimal hands-on time
- Reduces data entry errors



Disposable Pipette Tips

- Eliminates cross-contamination of reagents



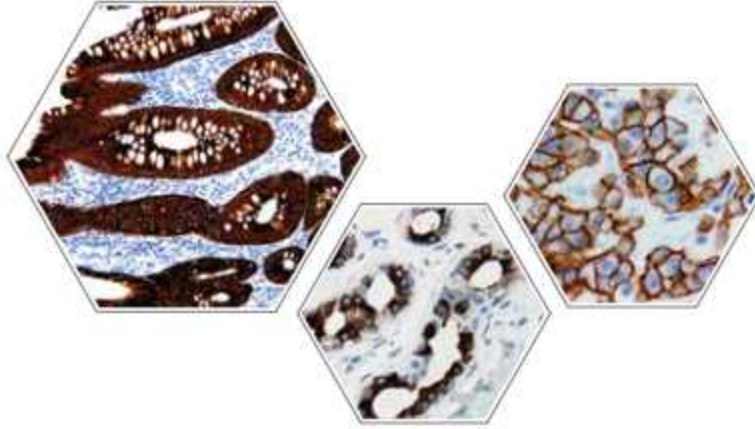
Removable Slide Racks with Splash Guard (5x12 Slides)

- Provides contamination free staining



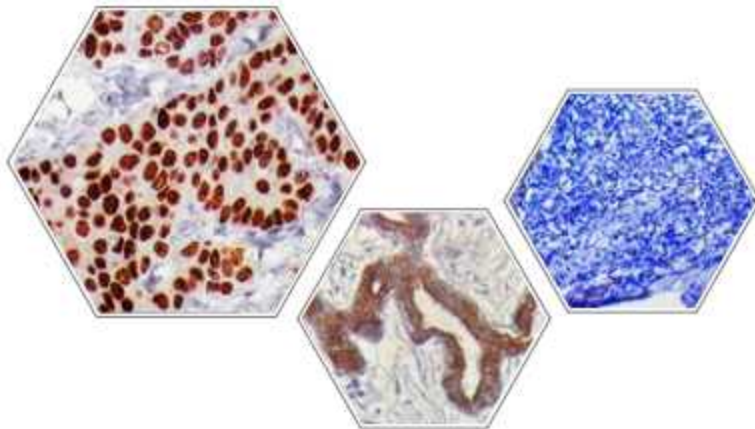
Manage your resources and work flow efficiently

IHC



Anti-CK18
Anti-GCDFP-15
Anti-ErbB-2/Her2

IHC



Anti-Estrogen Receptor
Anti-Cytokeratin
Anti-Ki67

Integrated Workflow Solution

i6000™ *Diagnostics*
Barcode Enabled IHC Staining System



EZ-Retriever® System

Pre-treatment and Antigen Retrieval System

i500 Plus™

LIS Enabled Barcode Label Printer

- The i6000™ Diagnostics is designed to work seamlessly with the EZ-Retriever® System and EZ-AR Elegance solutions providing eco-friendly de-waxing, rehydration, and Antigen-Retrieval
- Integrated digital-data tracking system with i500 Plus™
- Broad range of optimized ready-to-use reagents

Parameters	i6000™ Diagnostics
Automation	Peroxide block to counterstaining
Slide capacity	60 slides
Reagent capacity	60 reagent vials
Reagent vial capacity	20 mL
Bulk reagent carboy & capacity	1 x 10 L, 1 x 10 L
Waste container & capacity	1 x 20 L
Slide sensing	Barcode
Reagent sensing	Barcode
Reagent dispense volumes	100-800 µL

Parameters	i6000™ Diagnostics
Reagent dispenser	Pipette tips
Configuration	Table mounted
Protocols	Preloaded >400 protocols
LIMS Integration	Enabled
Operating temperature	15-30 °C
Operating humidity	15%-55% RH
Operating voltage	115/230 V AC, 60/50 Hz, 300 W
Dimensions (D/W/H)	24" x 40.5" x 18.5"
Weight	130 lb/59 Kg

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