

Your Partner

for Lab Automation



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Leica
BIOSYSTEMS



Who We Are

About us

ISN Medical is a leading supplier of medical diagnostic products and services in Nigeria, Ghana, and other West African countries.

Over 1,000 hospitals and diagnostics centers across 17 countries trust ISN Medical

as their major supplier of laboratory analyzers, reagents, and consumables.

ISN Medical is also a leading supplier of diabetes management products and services.

Our Other Partners



MERCK



FUJIFILM

illumina

TECAN.



Leica

B I O S Y S T E M S

Product Catalogue

Aperio GT 450 DX



- ✓ Fast and easy to operate for histotechnicians
- ✓ Excellent image quality with custom made Leica objective
- ✓ Secure, scalable architecture for IT Professionals
- ✓ 99.5% accurate tissue finder that allows you to adjust if needed

Aperio CS2 Digital Pathology Slide Scanner



- ✓ Easily load and scan up to five 1x3 slides
- ✓ Slides are on the Aperio digital slide tray in 90 seconds
- ✓ Five-slide capacity with 20x and 40x magnification capabilities
- ✓ Digital slides yielding high scan quality and resolution with >98% first time scan success rate
- ✓ Tissue finder is very robust but flexible when needed

HistoCore Autocut Automated Rotary Microtome



- ✓ Automatic electronic brake to ensure safety; electronic brake kicks in immediately automated sectioning function is paused to hold the specimen in the safest position
- ✓ Antistatic waste tray (brush included) which helps keep your workplace clean, efficient and debris-free
- ✓ Precision-orientation system; always get back to a 0-position home on the microtome, regardless of however anyone has changed the instrument's orientation
- ✓ Force balance system; minimize the risk of injury to the operator or specimen by an unbalanced object head

HistoCore Spectra CV



- ✓ Routine and special staining with dual robotic arms; users can process up to 330 slides per hour without compromising flexibility
- ✓ Precise Reagent Management and cost control with unique single slide counting
- ✓ Reduced errors with protocol autostart and control with traceability
- ✓ Innovative design and 52 cuvette stations enable H&E and special stains to run simultaneously at a high throughput

TP1020 Automatic Benchtop Tissue Processor *(Semi-Enclosed)*



- ✓ Three-part tissue basket with lid (for organized loading of cassettes)
- ✓ Anodized aluminum container with beaker carriers
- ✓ Basket removal device with drip tray
- ✓ Tissue processor can be equipped with two activated carbon filters (for formalin and alcohol/xylene)

IP C Inkjet Printer *(for Tissue Cassettes)*



- ✓ Barcode printed cassette
- ✓ Inkjet technology; resistant ink which withstands the chemicals in your histology laboratory
- ✓ Batch job printing; 15 cassettes/minute; single-cassette printing: 10 seconds per cassette; for high throughput and optimized workflow
- ✓ Automated unload station; helps avoid sequence mix up of printed cassette
- ✓ Laboratory Information System (LIS) integration

HistoCore Perma S Slide Printer

- ✓ 100 slide cartridge capacity which allows for easy and quick exchange of additional slides
- ✓ Small footprint to maximize laboratory space
- ✓ Exceptional print capability enhances the slide readability and reduces errors
- ✓ On-direct direct printing which minimizes the risk of specimen misidentification



RM2125 RTS Rotary Microtome

- ✓ Compact size to maximize laboratory space: Store essential tools and accessories on top of the microtome for easy access and more bench space
- ✓ Quick exchange specimen clamp and an $\pm 8^\circ$ orientation system for the object head produce sections sooner
- ✓ Efficient operation: two trim steps (50 μm coarse, 10 μm fine) for fast trimming to produce sections sooner
- ✓ User-selectable coarse feed wheel turn direction and retraction functions so the microtome works for each individual user



HistoCore Arcadia Embedding System



- ✓ HistoCore Arcadia H-Heated Paraffin embedding station; allows for simple operation and precise control
- ✓ HistoCore Arcadia C-Cold plate; holds up to 65 cassettes on its large working surface
- ✓ Smooth workflow and reliability
- ✓ Improved speed of your embedding work

IP S Inkjet Printer *(for Microscope slides)*



- ✓ Barcode printed slide for tracking support (reduce human error through automation and traceability)
- ✓ Inkjet technology; resistant ink which withstands the chemicals in your histology laboratory
- ✓ Batch job printing; 4 seconds per slide (two line printing). Single-slide printing: 10 seconds per slide; for high throughput and optimized workflow
- ✓ Automated unload station; holds up to 110 slides which helps avoid sequence mix up of printed slides
- ✓ Laboratory Information System (LIS) integration

HistoCore Pearl Tissue Processor



- ✓ Optimized fume protection; fully enclosed tissue processing protects the lab and scientists from hazardous fumes
- ✓ Intuitive new technology; the xylene-resistant touchscreen, with multilingual intuitive interface guides the technician smoothly through the processes to reduce errors
- ✓ Specimen quality; three pre-validated processing protocols (biopsy, standard overnight, cleaning) standardize your workflow and deliver high-quality specimens
- ✓ Compact instrument to maximize laboratory space
- ✓ Critical data is monitored with a Reagent Management System (RMS) to track the usage of reagents per number of cassettes, processing cycles or days

Histocore Bicout Manual Rotary Microtome



- ✓ Improved ergonomics (reduce human error through automation and traceability)
- ✓ Quick and efficient selection to turn to direction most comfortable for you with personalized Coarse Feed Wheel
- ✓ Short cleaning time with Antistatic Waste Tray
- ✓ Fast switch between high and low profile blades without changing blade holders by using the 2-in-1 Blade Holder

HistoCore Multicut Semi-Automated Rotary Microtome



- ✓ Freedom of choice and effortless trimming; advance or retract the specimen in the position most comfortable for you
- ✓ Antistatic waste tray (brush included)
- ✓ Precision-orientation system; always get back to a 0-position home on the microtome, regardless of however anyone has changed the instrument's orientation
- ✓ Force balance system; minimize the risk of injury to the operator or specimen by an unbalanced object head

ST 5010 Autostainer XL



- ✓ Accomodate specific laboratory needs; increased flexibility to store up to 15 different user defined staining protocol offers
- ✓ High specimen throughput; up to 11 racks of 30 slides at a time
- ✓ Flexible staining/coverslipping solution
- ✓ Easy to use, convenient operation; easy programming to reduce operator errors
- ✓ Compact and space saving

HistoCore Pegasus Tissue Processor



- ✓ Process up to 400 samples simultaneously increasing your capacity by 33% per run
- ✓ Pre-installed validated protocols gives you the flexibility to process different tissue types with constant quality
- ✓ Easy access to run protocols give you control over your tissue processing reports while reducing manual documentation
- ✓ The HistoCore Pegasus tissue processor gives you the flexibility to run parallel protocols on a single instrument

ST 4020 Small Linear Stainer



- ✓ A maximum throughput of more than 400 slides per hour
- ✓ Accelerate turnaround with continuous loading and audible end-of-protocol notification
- ✓ Compact and space saving

Bond III Automated IHC and ISH Staining System



- ✓ Achieve up to 62% more slide throughput per m² compared to other leading on the market
- ✓ Easy operation with user-friendly design
- ✓ Preserve morphology and integrity of precious tissue with the unique covertile system that allows you to dispense reagents in a highly controlled and consistent manner
- ✓ Independently benchmarked antibody clones which means quality that pathologists can trust

Bond-Max Fully Automated IHC and ISH Staining System



- ✓ Enhance your IHC and ISH productivity with precise automation, covertile technology, and novocastra reagents combined to create high-quality staining with 100 µL and 150 µL dispense volumes
- ✓ The three-tray system and consistent run times provide the flexibility to accommodate incoming workloads
- ✓ Bench mountable and a small footprint: Bond-Max makes great use of valuable laboratory space
- ✓ Efficient use of reagent translates to very low waste volumes

HistoCore Spectra ST Stainer



- ✓ Uncompromised flexibility; efficiently process up to 330 H&E slides per hour
- ✓ Optimized and validated protocols with specifically designed consumables provide consistent staining results for the wide range of intensities pathologists expect
- ✓ Intuitive user interface which minimizes hands-on time
- ✓ Precise Reagent Management with RFID technology provide more control and a decreased chance for human errors

CV5030 Automated Glass Automated Glass Coverslipper



- ✓ 300 coverslips at a rate of 300 slides per hour using standard microscope slides
- ✓ Through its open system design, a broad range of mountants can be used for the highest flexibility
- ✓ User-friendly operation
- ✓ The fume extraction system produces lower concentrations of xylene, reducing exposure to hazardous fumes for laboratory personnel



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