



Redefining the future of biological sample management

The “Frozen Island” from A. Menarini Diagnostics: an integrated solution that revolutionizes how intraoperative analysis and diagnosis are performed during urgent surgical procedures and transplants.

The quality of molecular analysis begins in the operating room with **tissue sample acquisition** and continues with **processing, staining and analysis**.

PrestoCHILL, PRESTO, PRESTO PRO, NAVIGO protect and leverage the value of biological samples throughout this process to provide accurate and reliable diagnoses, manage clinical risks, and ensure the best result for patients.

FROZEN Island

Sampling and staining

- Superior standardization
- Full automation/No variability due to human error
- Reliability/dedicated protocols
- Short turnaround time
- Enhanced operator safety
- Respect for the environment
- Compact and robust design



Analysis

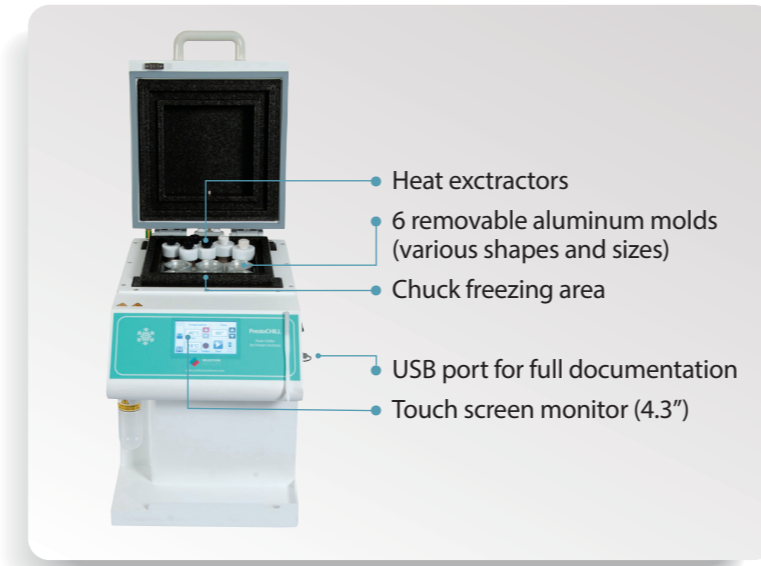
- Full automation
- Perfect image quality
- Easy operation
- Plug & play
- Reliability & flexibility
- Cost-effective



PrestoCHILL

Flash chiller for frozen sections

Innovation and standardization for fast and accurate results



INNOVATIVE, FLEXIBLE, FAST, RELIABLE

Innovative patented “face down” embedding technique
Stirling cooling device

- No freezing artifacts
- Up to 6 samples can be frozen simultaneously at -40 °C in 60"
- Temperature set point control from -20 °C to -80 °C
- Perfectly flat sample orientation
- Reduced trimming time and facilitated specimen sectioning

SAFE AND ECO FRIENDLY

- No operations inside the cryostat chamber during the freezing step
- No liquid nitrogen, no CO₂, no isopentane, HEPA filter
- No CFCs

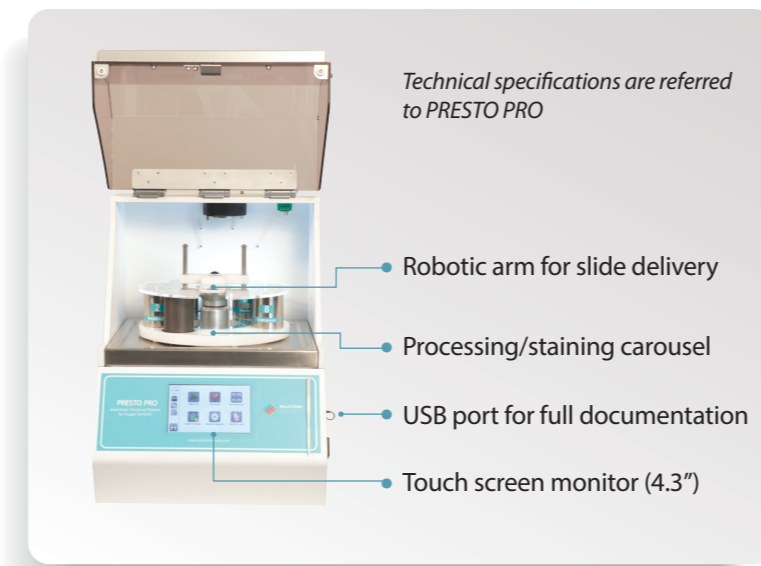
SIZE	WEIGHT
W 30 cm	25 kg
H 45 cm (closed)	
D 54 cm	

Biobanking version also available with aluminum tank for freezing solutions and dedicated 12-position cryovial holder.

PRESTO & PRESTO PRO

Processors/stainers

Complete automation of sample processing and staining



COMPACT, AUTOMATED, FULLY PROGRAMMABLE

Innovative processing technique with patented FineFIX® formalin-free fixative

- Automated slide handling system
- Temperature control system for solutions
- Up to 6 slides simultaneously
- Processing and staining in 150"
- Icon-based interface for reagents, operators, alarms and event logs

SAFE AND EASY TO USE

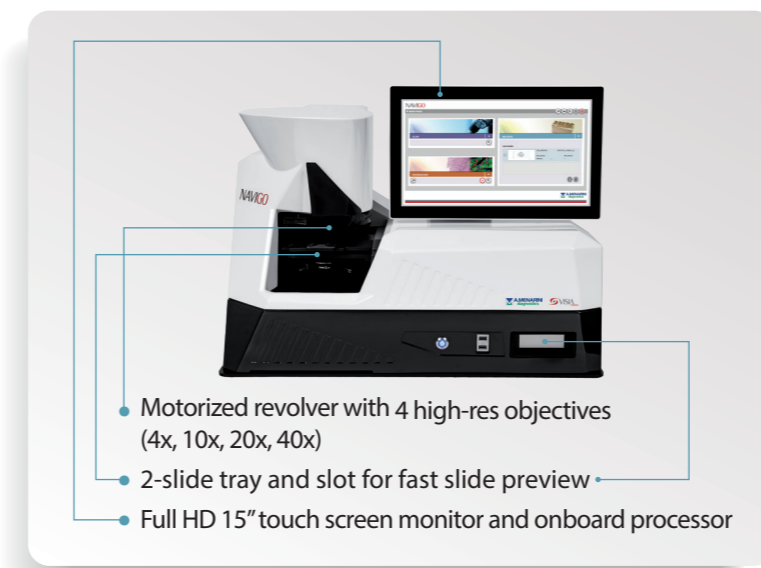
- Built-in exhaust system
- Splash guard to avoid cross contamination of solutions
- Fully programmable protocols for high-quality and standardized results, independent of operator skills

SIZE	WEIGHT
W 44 cm	42 kg
H 61 cm (closed)	
D 52.5 cm	

NAVIGO

Automated slide scanner for smart digital pathology

Perfect images with network integration tools



POWERFUL COMPLETELY INTEGRATED SYSTEM

- Automated whole-slide scanner
- Various hardware profiles (histology, cytology, hematology)
- High-quality CCD camera
- Integrated 1D and 2D barcode reader
- Digital microscope for live mode slide browsing
- Remote digital microscopy
- Z-stack acquisition

OPTIONALS

- Naviweb, web interface for remote slide viewing and sharing
- IHC Membrane and IHC Nuclei analysis modules
- Archive
- “Enjoy” joystick for easier navigation

SIZE	WEIGHT
W 68 cm	31 kg
H 52 cm	
D 40 cm	

Frozen Island

THE QUALITY THAT COMES FROM COLD



Intended for professionals only

Frozen Island



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Frozen Island



A new era in biological sample management

Innovation and standardization in intraoperative consultation

