

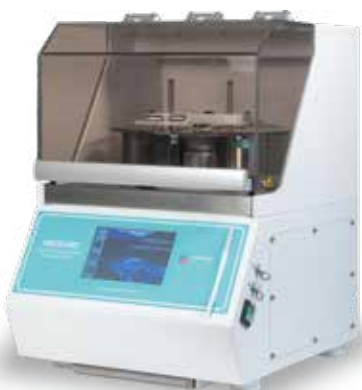


MILESTONE

H E L P I N G
P A T I E N T S



IMPROVED PROCESSING AND STAINING FOR FROZEN SECTIONS



PRESTO PRO

Processor-Stainer
for High Quality Frozen Sections

GUARANTEED QUALITY FOR YOUR RESULTS

Pathologists heavily rely on the frozen section technique for intra-operative consultation, especially when surgeons need rapid diagnosis or immediate feedback on surgical margins. Frozen sections typically provide a short turnaround time (15-20 minutes) but often exhibit lower diagnostic quality compared to paraffin sections, due to cryoembedding artifacts and variability in staining protocols. PRESTO PRO, along with PrestoCHILL, is part of Milestone's innovative product line tailored for frozen sections. Specifically, PRESTO PRO is an automatic processor/stainer designed to **deliver high-quality results by offering a standardized and automated approach to processing and staining up to 6 frozen slides simultaneously**. Moreover, it prioritizes laboratory personnel safety and promotes the use of green reagents, such as isopropanol (instead of xylene) and FineFIX - a patented ethanol-based fixation and processing reagent by Milestone. Thanks to its compact size, PRESTO PRO fits into any laboratory setup and routine, ensuring fast processing of even the most urgent samples.

INTEGRATED VENTILATION SYSTEM

to ensure the safety
of laboratory personnel

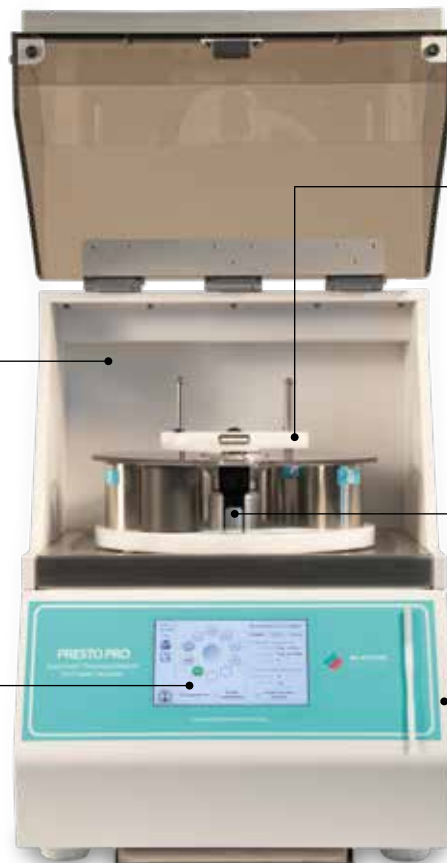
TRANSPORT ARM
to automatically move
racks of 6 slides each

7" TOUCHSCREEN TERMINAL

to set and customize
process parameters

SEQUENCE OF VESSELS
for the processing
and staining phases

USB PORT
to easily acquire
full documentation



| AUTOMATIC & STANDARDIZED

PRESTO PRO streamlines processing and staining through an automated arm that moves a rack, accommodating up to 6 slides, to the appropriate vessel on a circular platform. The PRESTO PRO arm lowers and lifts the rack into and out of the vessels, starting with heated FineFIX solution for the fixation, followed by other customizable staining steps. **The automation of the process ensures standardized and reproducible quality results**, regardless of operator skill.



1 Start the process

Position the slide rack over the FineFIX processing vessel and start the protocol.



2 Staining protocols

The transport arm automatically moves the rack through all customizable staining vessels.



3 End of process

The slides are ready for cover slipping and examination.

| OPTIMIZED PRODUCTIVITY

In high-volume frozen section laboratories, **PRESTO PRO introduces continuous loading to enhance workflow efficiency and productivity.** This protocol uses two racks of 6 slides each, with the second rack loaded into the FineFIX container less than 2 minutes after the first rack is started. While the slides are automatically stained, the operator can simultaneously perform other lab tasks, such as cryoembedding and sectioning new specimens.

SINGLE LOADING High-quality protocol



2'20" for six slides
120 slides/hour*

CONTINUOUS LOADING High-quality protocol



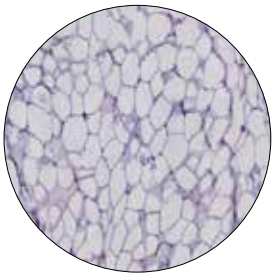
2'20" for six slides
194 slides/hour*

**Taking into consideration rack loading/unloading times*

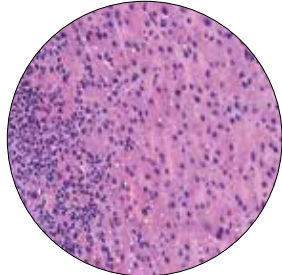
UPGRADE YOUR DAILY WORKFLOW

| HIGH QUALITY RESULTS

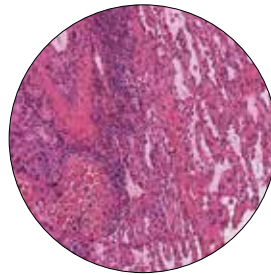
Milestone introduces a novel approach to address the common limitations of frozen sections, merging the **artifact-free freezing process of PrestoCHILL** with the **advanced processing and staining capabilities of PRESTO PRO**. This approach ensures a uniform and replicable procedure, resulting in **improved morphology of examined specimens and consistently superior outcomes**.



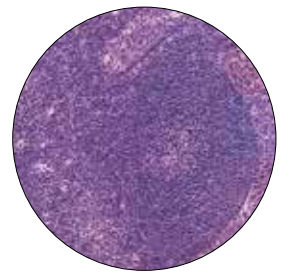
Human breast
40x



Human liver
40x



Human lung
20x

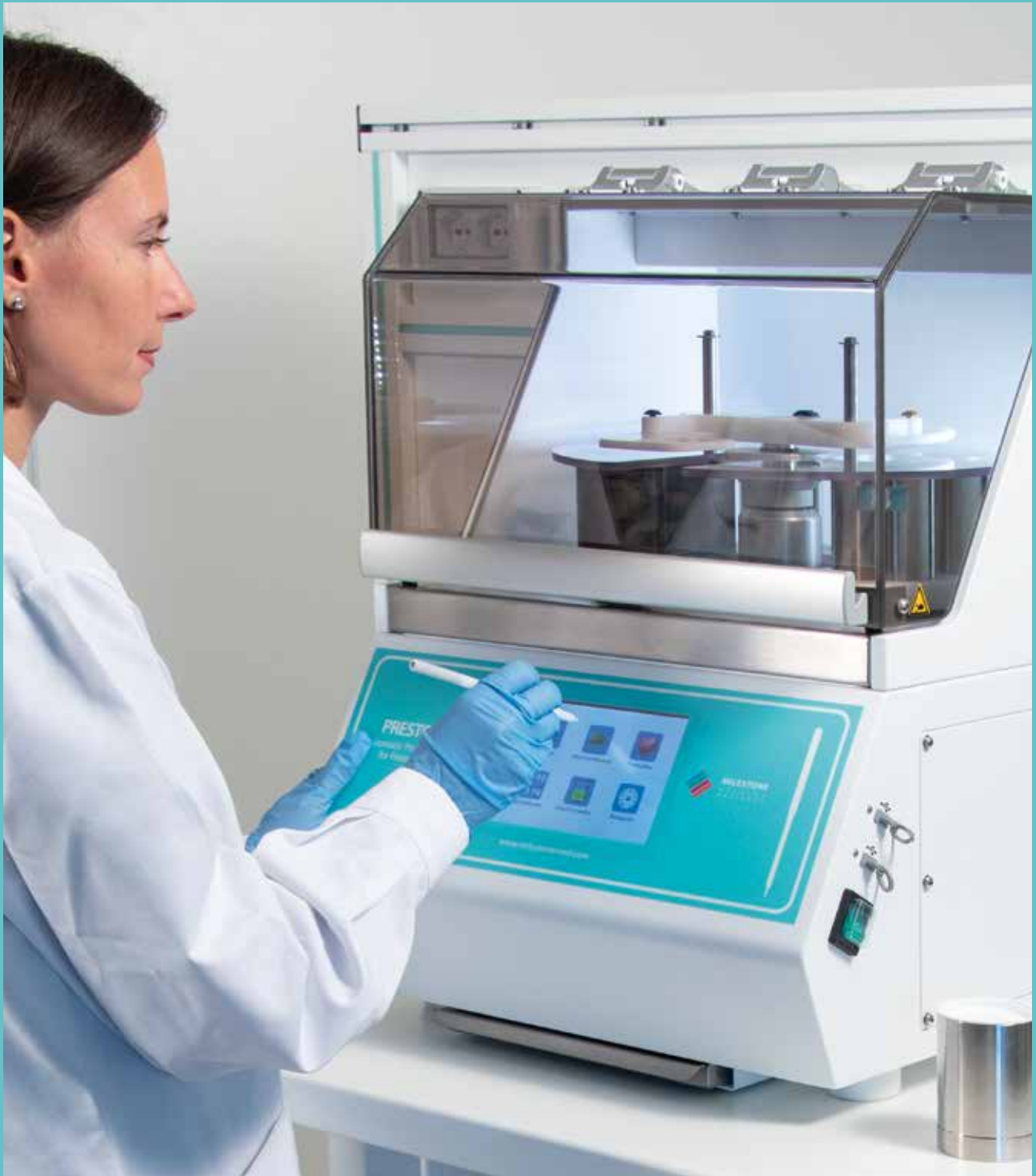


Human lymph node
20x

| CUSTOMIZABLE PROTOCOLS



PRESTO PRO seamlessly integrates into diverse laboratory settings, offering an extensive list of features. This includes **comprehensive protocol customization** tailored to the specific requirements of each tissue, all accessible through an **intuitive and user-friendly interface**. It also operates as an open system, enabling users to utilize their own staining reagents according to specific needs.



AUTOMATIC & STANDARDIZED

OPTIMIZED PRODUCTIVITY

HIGH QUALITY RESULTS

ENHANCED SAFETY

CUSTOMIZED PROTOCOLS

| OTHER MILESTONE SOLUTIONS FOR FROZEN SECTIONS



PrestoCHILL

Flash Chiller for
Quality Frozen Sections



FlashFREEZE

Flash Freezer
for Biobanking



FineFIX Module

Enhanced Manual Staining
for Frozen Sections

MILESTONE HELPING PATIENTS

Milestone is a company headquartered in Northern Italy and was founded in 1988 as a corporation specializing in advanced microwave instrumentation for analytical and organic chemistry labs. As the technology leader in pre-analytical instrumentation, Milestone supports a worldwide installed base of over 25.000 systems. In 1994, Milestone established a separate Medical Division to expand our expertise in the crucial pre-analytical phase to the world of histopathology. We pioneered the first microwave rapid tissue processor for same-day diagnosis and the first macro-digital system to enhance the grossing step. Today, our rapid tissue processors, macro-digital imaging systems, and pre-analytical instrumentation are used every day in the most renowned clinical and research laboratories around the world. But we never stop. We continue to lead the industry with constant innovation and improvement. Driven by the leading principle we live by, Helping patients.

Specifications are subject to change without notice

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