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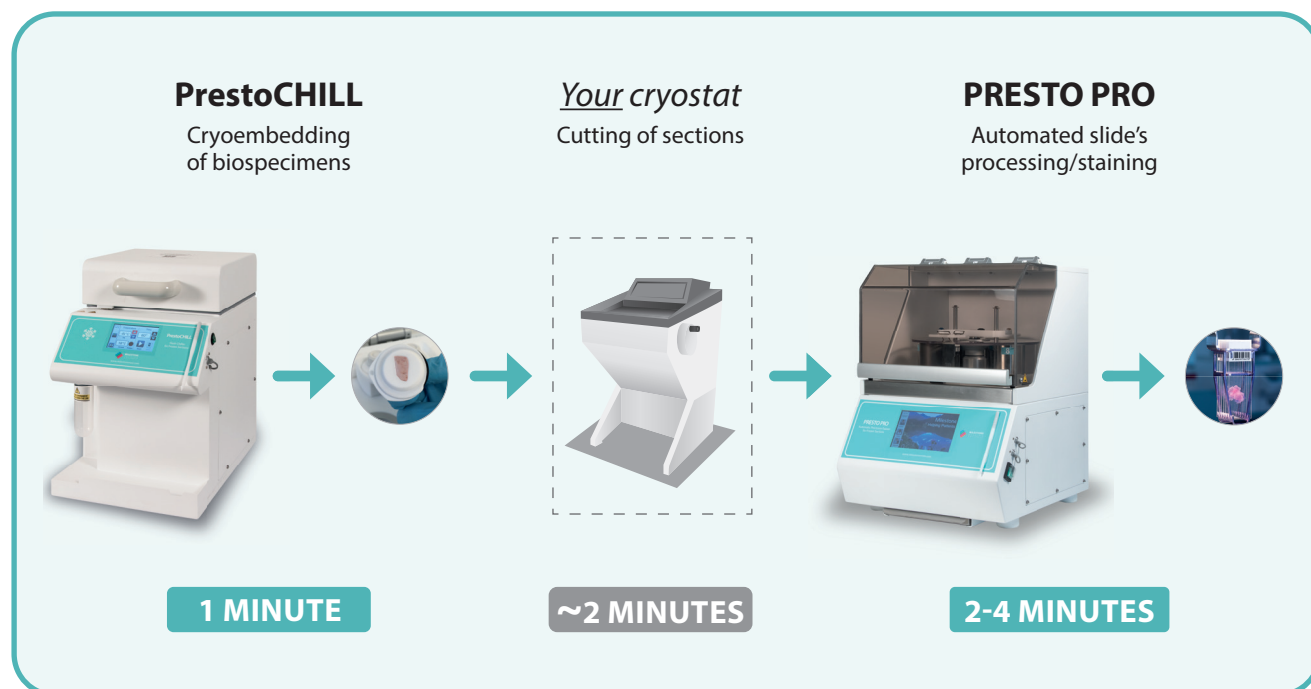
PRESTO PRO

Innovative processor/stainer
for frozen sections of permanent-like quality

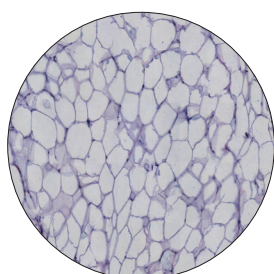
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THE PRESTO TECHNOLOGY: **PRESTO PRO**

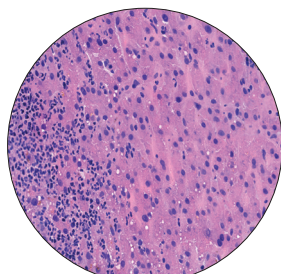
The goal of frozen sections permanent-like quality can be achieved by combining the advanced cryoembedding technology of the **PrestoCHILL** unit, with the performance of the **PRESTO PRO** automatic processor/stainer.



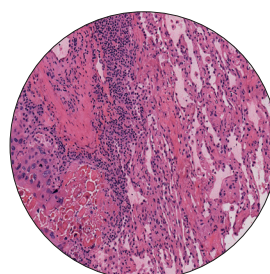
From fresh biospecimens to six stained frozen sections of permanent-like quality in less than **10 minutes**.



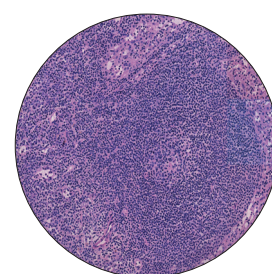
Human breast
40x



Human liver
40x



Human lung
20x



Human lymph node
20 x

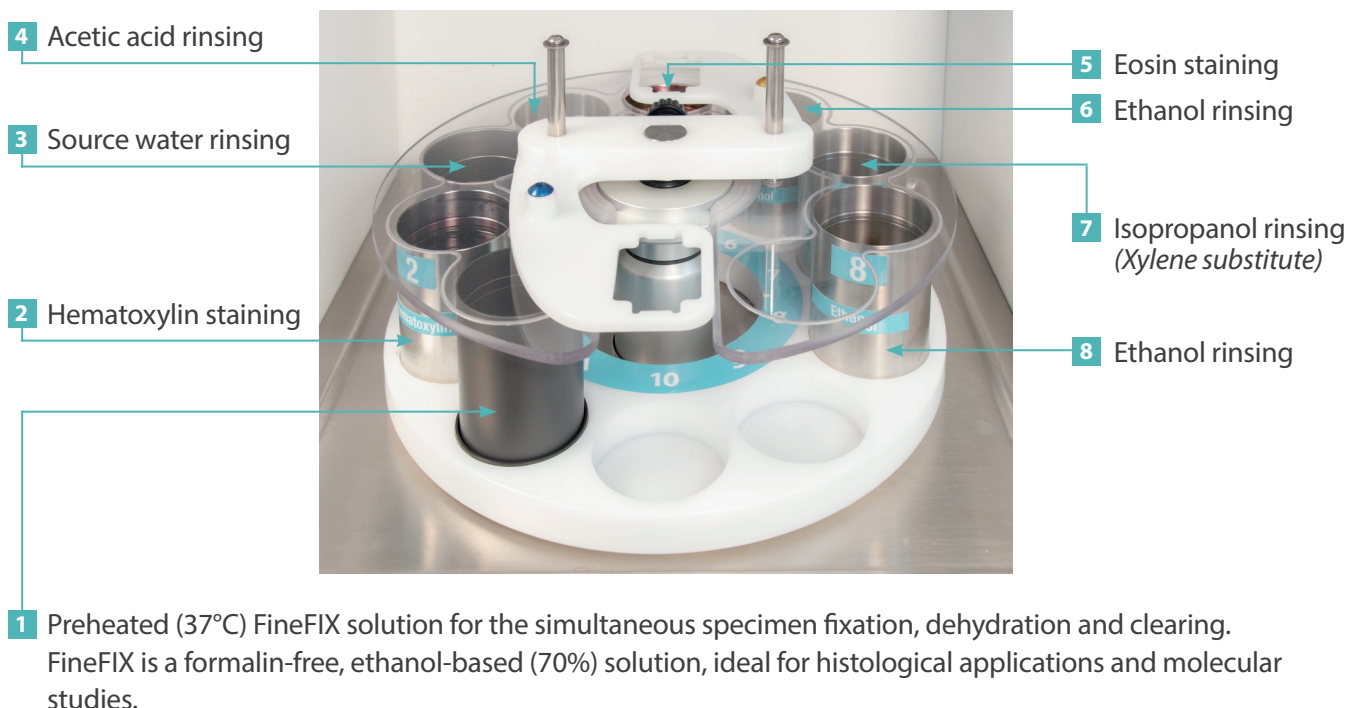
THE FINAL STEP TOWARDS FROZEN SECTIONS OF PERMANENT-LIKE QUALITY

Conventional frozen sections provide a short turnaround time of 15-20 minutes, but with the disadvantage of a lower diagnostic quality with respect to paraffin sections due to cryoembedding artifacts and the variability of staining protocols. One of the main reasons for their lower quality, versus a FFPE section, is that frozen sections are only stained while FFPE sections are first processed (fixation + dehydration + clearing) and subsequently stained. It is now possible to produce frozen sections with a permanent-like quality by combining the artifact-free freezing of tissues of the PrestoCHILL unit with the outstanding features of the all-new **PRESTO PRO** processing/staining unit. **PRESTO PRO** is an innovative benchtop processor/stainer for high-quality frozen sections. It features a standardized approach to **processing the slide** with FineFIX (*European Patent EP 1455174B1 - US patent US 20050074422*), a patented Milestone solution, followed by fully automated staining protocols.



The new PRESTO PRO processor/stainer

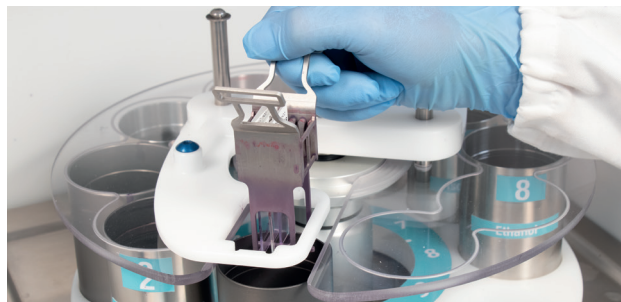
THE UNIQUE PROCESSING/STAINING SETUP OF THE PRESTO PRO



PRESTO PRO WITH SINGLE LOADING



1 Press "Start run".



2 Position the slide rack over the FineFIX processing vessel.



3 Close the cover. Press "Start" again.



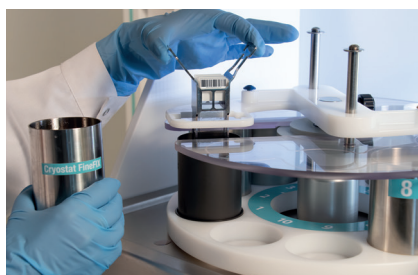
4 After approx 2'20" in high quality protocol and approx 4' in ultra-quality protocol, six slides are processed/stained and ready for coverslipping and examination.

NEW FEATURE: PRESTO PRO WITH CONTINUOUS LOADING

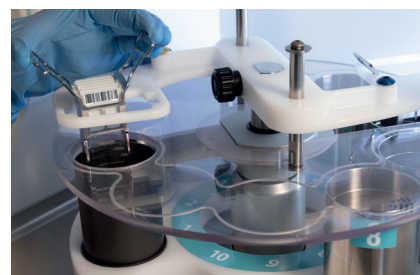
A feature to increase throughput for high volume frozen sections labs. Loading of a new rack every approx 1'45".



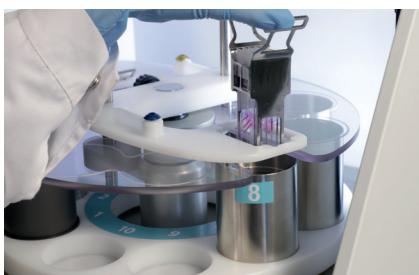
1 Select "Start Continuous".



2 Load first rack in FineFIX container.



3 After approx 1'45" load the second rack in the FineFIX container.



4 After approx 2'20" from start the first rack is ready for coverslipping.



5 The second rack is ready for coverslipping in approx 1'45" from the end of the first run.

CHECK FOR BEST
OPERATING PROCEDURES
FOR SPECIAL APPLICATIONS



FULLY AUTOMATED PROCESSING **PLUS** STAINING TIMES FOR 6 SLIDES

SINGLE LOADING

High quality protocol: **2'20"** for six slides
High quality throughput: **120** slides/hour*

Ultra quality protocol: **4'00"** for six slides
Ultra quality throughput: **80** slides/hour*



HIGH-QUALITY
PROTOCOL



ULTRA-QUALITY
PROTOCOL

CONTINUOUS LOADING

High quality protocol: **2'20"** for six slides
High quality throughput: **194** slides/hour*



HIGH-QUALITY PROTOCOL

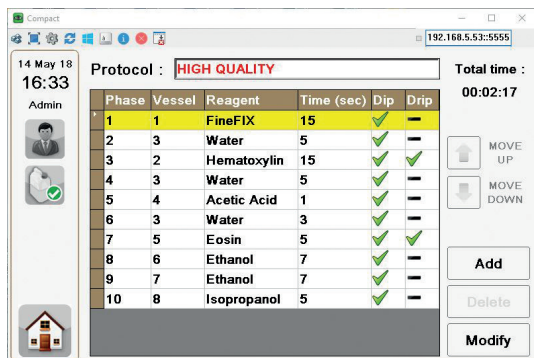
■ FIRST RACK ■ SECOND RACK

**Taking into consideration rack loading/unloading times*

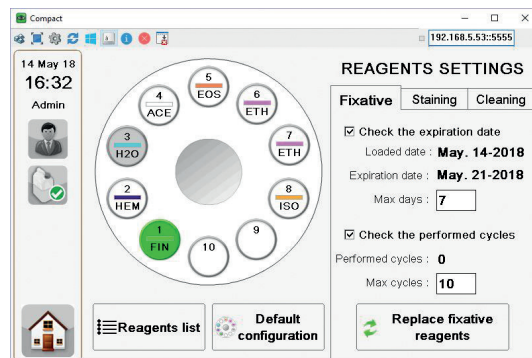
NO COMPARISON WITH AN AUTOMATIC CONVENTIONAL OR MANUAL STAINER

- ▶ PRESTO PRO is a **slide processor** combined with an automated stainer.
- ▶ Standardized, optimized staining results are obtained **independently from the operator's skills**.
- ▶ The **fully programmable protocols** fit every tissue and/or pathologist's requirement.
- ▶ The reagents can be **totally managed and controlled**.
- ▶ It is an **open system**. Besides FineFIX, all the other reagents used are your own reagents.
- ▶ It is safe: **xylene is not required**. Isopropanol is its substitute.
- ▶ A fully **downloadable documentation** is available for each run.

EASILY OPERATED



The operator can easily set protocols to fit lab's requirements.



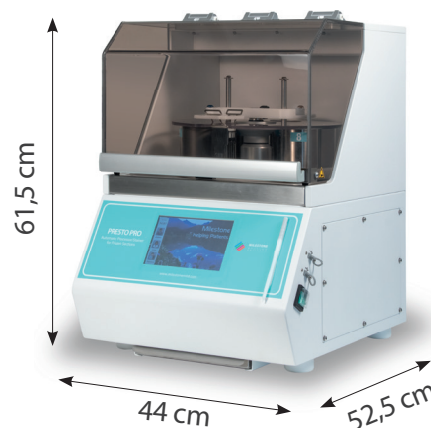
User-friendly intuitive software.

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- "Cryoembedder, automatic processor/stainer, liquid nitrogen freezing and manual staining for frozen section examination." "A comparative study." Renne SL et al. Dept of Pathology – fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy.
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- "Freezing skin tissue in Mohs Micrographic Surgery using PrestoCHILL." V.C. Villaverde et al, Hospital De Cruces Bilbao, Spain.
- "Mohs and the benefit of new embedding and staining systems." Guy orchard, St.Thomas Hospital, London, UK.

TECHNICAL SPECIFICATIONS

- Processor/Stainer for up to 6 slides
- 7" touchscreen terminal, 2 USB ports
- Weight: 42Kg (92.6 lbs)
- Power supply: 230V~ 50/60Hz or 115V~ 60Hz (180W)
- Dimensions:
Height: 61,5 cm (24.2") (with opened cover 86 cm / 33.8")
Width: 44 cm (17.3")
Depth: 52,5 cm (20.6")



Headquarters

MILESTONE Srl
Via Fatebenefratelli, 1/5
24010 Sorisole (BG) - Italy
Tel: +39 035 4128264
Fax: +39 035 575498
email: marketing@milestonemedsrl.com

US Operations

MILESTONE MEDICAL TECHNOLOGIES, INC.
6475 Technology Avenue
Suite F, Kalamazoo, MI 49009 - USA
Tel: 269-488-4950 - Toll-free: 866-995-5300
Fax: 269-488-4949
email: info@milestonemed.com