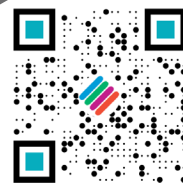




**MILESTONE**

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



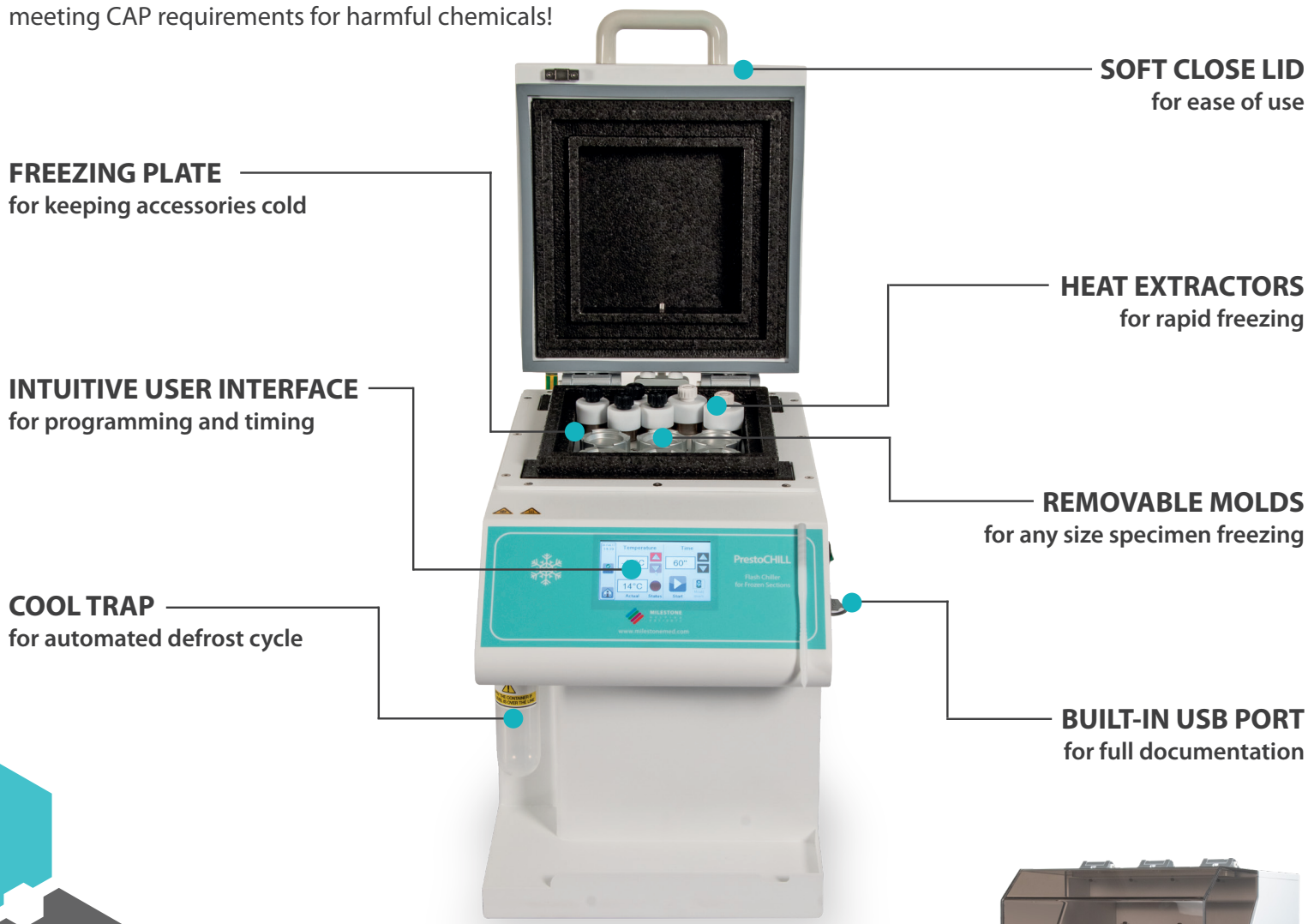
# PrestoCHILL

Standardized and  
High Quality Frozen Sections



# High Quality Frozen Sections **PrestoCHILL**

PrestoCHILL is an innovative benchtop unit engineered to produce high quality frozen sections efficiently. PrestoCHILL combines a patented “face-down” embedding technique with a programmable -40°C cooling chamber to rapidly process high quality frozen sections of any type of tissue, even fatty tissue. With PrestoCHILL, it is finally possible to create high quality frozen slides that look like formalin fixed, paraffin embedded slides. As an added bonus, no harmful nor dangerous reagents such as liquid nitrogen, isopentane, or dry ice are used. Say goodbye to your worries over meeting CAP requirements for harmful chemicals!



**SEE PRESTOCHILL  
IN ACTION**



Combine PrestoCHILL with Milestone's FineFIX module and PRESTO PRO automatic stainer for standardized, superior quality, stained frozen slides



#### **SAFETY:**

No harmful nor dangerous reagents used



#### **STANDARDIZATION:**

Easy and reproducible procedure for all staff



#### **EFFICIENCY:**

60 second freezing time for standard tissue



#### **FLEXIBILITY:**

Freeze any type of tissue, even fatty tissue



#### **DOCUMENTATION:**

Fully downloadable documentation via USB port

# KEY BENEFITS

## **IMPROVED TECHNIQUE**

- Patented "face-down" embedding
- Reduce trimming time and tissue loss
- Obtain perfectly "flat plane" surfaces

## **OPERATOR SAFETY**

- No liquid nitrogen, dry ice, nor isopentane
- Use helium gas as a refrigerant
- Eliminate worries over CAP requirements

## **HIGH QUALITY FREEZING**

- No freezing artifacts or ice crystal formation
- Obtain excellent morphology
- Exceptional quality, even breast and fatty tissue

## **ENHANCED THROUGHPUT**

- Freeze 6 samples in as little as 60 seconds
- Freeze specimens in parallel or sequentially
- Freeze fatty tissue in just 4 minutes

## **HIGH QUALITY SLIDES**

- Eliminate compression artifacts
- Eliminate tissue retraction
- Create frozen slides that mimic FFPE slides

## **USER INTERFACE**

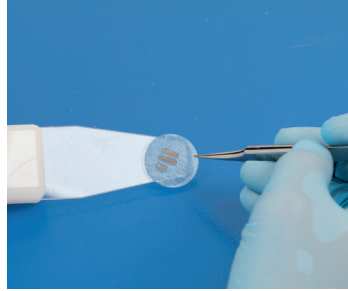
- 6 individual timers, one for each position
- USB port allows for full documentation
- Easy to use touchscreen with stylus



# HOW IT WORKS



Place a drop of Milestone's cryoembedding compound (MCC) on the tip of the spatula



Add lens paper (optional) and then position the specimen on the spatula or lens paper



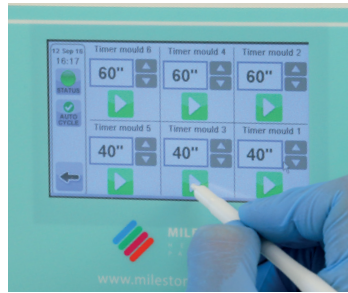
Gently transfer the specimen from the spatula to the bottom of the empty mold



Use Milestone's cryoembedding compound (MCC) and fill the mold to the top



Add the chuck on top of the mold and then add the heat extractor on top of the chuck



Choose the time depending on specimen type and start the timer (typically 60 seconds)



Remove the chuck from the mold. A block with a perfectly flat plane surface is ready for trimming



Trim off the blue lens paper (if applicable) and you are ready to section with minimal tissue loss

# CONSUMABLES

## MCC:

Milestone's Cryoembedding Compound specifically developed for optimal support during cryotomy



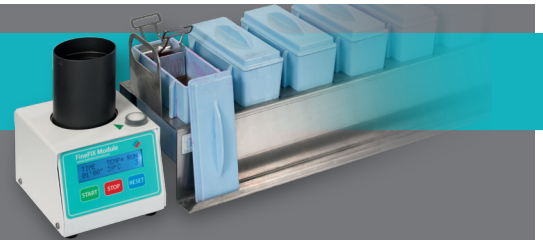
## FineFIX:

Milestone's formalin-free fixative alternative for optimal preservation of tissue antigens



## Lens Paper Disks:

Provide excellent support for freezing small or delicate specimens. 3 sizes available



The FineFIX Module standardizes the critical step of fixation, which is often times overlooked. With FineFIX Module, frozen section slides are immersed in Milestone's FineFIX solution for 15-60 seconds to simultaneously carry out specimens' fixation, dehydration and lipids extraction. Its small footprint makes it an easy addition to any lab and its maintenance-free design causes no disruption to your workflow.



## US Headquarters

MILESTONE MEDICAL TECHNOLOGIES, INC.

6475 Technology Avenue, Suite F - Kalamazoo, MI 49009

Tel: 269-488-4950 - Toll-free: 866-995-5300 - Fax: 269-488-4949

Email: [info@milestonemed.com](mailto:info@milestonemed.com) - [www.milestonemed.com](http://www.milestonemed.com)