



MILESTONE

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



**EFFICIENCY AND QUALITY
FOR YOUR SECTIONING**



**HistoDream
Microtomes**

Automated and
Semi-Automated Microtomes

DESIGNED TO ENHANCE SAFETY AND EFFICIENCY OF YOUR ROUTINE

| HistoDream MICROTOMES

The sectioning phase of histological tissues is a pivotal step for H&E, IHC and molecular techniques. This process requires an advanced tool to ensure high-quality sections, allow for safe and ergonomic operations for the technician and provide an efficient workflow. **The Milestone microtome line has been built to address all these challenges through rotary microtomes designed around your needs.** The HistoDream M, semi-automated, and HistoDream AM, fully automated, offer a rugged and reliable approach to sectioning.





EXCELLENT CUTTING QUALITY

IMPROVED EFFICIENCY

SUPERIOR OPERATIONAL SAFETY

DESIGNED FOR ERGONOMICS

MAXIMUM FLEXIBILITY

IMPROVED SECTIONING, MADE SIMPLE

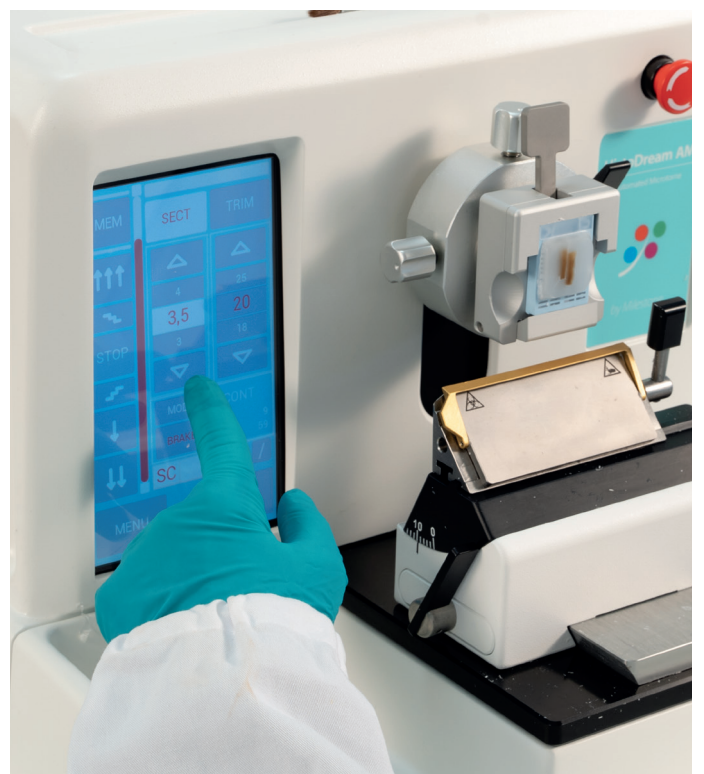
| EXCELLENT CUTTING QUALITY

The HistoDream microtomes are **designed to guarantee precise sectioning**. The 0-position is easily identified on the orienting head to ensure correct positioning. At the same time, the 360° orientating head along with the mobility on both the x- and y-axis, ensures superior precision and alignment of the block. The blade holder slides sideways in both directions, enabling the technician to take full advantage of the **entire cutting edge**.



| IMPROVED EFFICIENCY

The semi-automated and automated microtomes **provide superior sectioning efficiency**. To address this task and simplify the adjustment, the motorized specimen feed is controlled through the touchscreen and stabilized via an innovative antivibration mechanism. A spacious tray with **antistatic coating** offers a wide space for paraffin waste, reducing and simplifying the cleaning time. On the top of the microtomes, a compartment allows storage and access to tools routinely used.



| SUPERIOR OPERATIONAL SAFETY

The microtomes incorporate up-to-date features for the **highest operational safety**. The automated microtome is equipped with an emergency stop button and an electrical brake that activates automatically when cutting is paused. Both the automated and semi-automated microtomes offer a manual lock. Safety is also ensured with the **blade holder's integrated finger guard**.



| DESIGNED FOR ERGONOMICS

The **user-friendly touchscreen** offers easy access to all parameters and fast adjustment when required. The cutting settings can be saved and recalled, thus expediting the process. **The handwheel is balanced via an innovative counterweight mechanism to minimize user fatigue** and prevent possible injuries. The automated model is available with a footswitch and external controllers for any preferences.



| MAXIMUM FLEXIBILITY

The HistoDream M and AM offer the highest flexibility to match your current and future needs. The microtomes, available with low- and high-profile blades as well as with a range of different clamps (quick release clamps, standard specimen clamps, clamps for SuperMega cassettes), allow the operator to optimize the use of this tool based on each specific cutting requirement.



SUPERIOR TRACKING FOR ACCURATE DIAGNOSIS



I BIOSPECIMEN TRACKING SYSTEM

Both HistoDream microtomes offer **unique tracking capabilities**. During cutting, the histotech has access to all the information collected during the grossing step. Simply by scanning the cassette, the operator will be able to retrieve the digitized images taken during grossing in order to compare with the embedded cassette, thus addressing potential mismatched numbers, sizes, or types of specimens and **ensuring the chain of custody**.



EVERYTHING TO MEET YOUR NEEDS

The HistoDream M and HistoDream AM rotary microtomes have been designed around the user's need. A complete suite of tools, options and accessories are available to meet any specific cutting requirements.

	HistoDream M	HistoDream AM
		
Microtome type	Semi-automated	Fully automated
Built-in touchscreen with settings and memory function	●	●
Sideways-sliding blade holder (bidirectional)	●	●
Blade holder with finger guard	●	●
Motorized coarse feed	●	●
0-position indication in x and y directions	●	●
360° orienting head	●	●
Large waste tray (1,7 L) with antistatic coating	●	●
Balanced handwheel	●	●
Compatible with low- and high-profile blades	●	●
Specimen clamps	Standard, SuperMega and quick release	Standard, SuperMega and quick release
Automated electrical brake		●
External keypad with control knob (optional)		●
Footswitch (optional)		●
External control mouse (optional)		●
EasyCUT, static charges remover (ancillary unit)	●	●
Biospecimen Tracking System (optional)	●	●

| THE HistoDream LINE



EasyCUT

During paraffin block cutting, electrostatic charges may often occur. These charges make the ribboning difficult, as the sections stick to the paraffin block itself, to forceps and to the user's fingers. EasyCUT uses a **special airflow** containing ions to **neutralize these electrostatic charges**, helping technicians to obtain a perfect, non-sticky, wrinkle-free ribbon, without chattering effect, that will be easy to transfer to the water bath. **EasyCUT fits any rotary microtome.**



HistoDream EW

HistoDream EW is a **flexible and ergonomic embedding workstation** composed of three independent modules that allows technicians to arrange the embedding workflow as best suits their daily needs. Specimen traceability is also made possible thanks to an **innovative Tracking System**. Histotechs can visually match grossed specimens to processed specimens by retrieving the digitized images of each cassette taken at the time of grossing.

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.

MILESTONE



HELPING
PATIENTS

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SCAN ME
TO DISCOVER MORE