MILESTONE
HELPING PATIENTS

MAGNUS

Highest Uptime,
Lowest Operational Cost

Rapid, Automatic Tissue Processor MAGNUS

MAGNUS is a unique processor designed to accomplish what no other processor can; continuous throughput with optimal processing results. MAGNUS' dual retort system allows for continuous batch loading without the time-consuming cleaning cycle needed on all other processors. MAGNUS' shorter processing times allow for maximum time in fixative, providing the time needed for exceptional formalin penetration. MAGNUS, the next revolution in tissue processing.

DUAL ROBOTIC ARM
for continuous loading

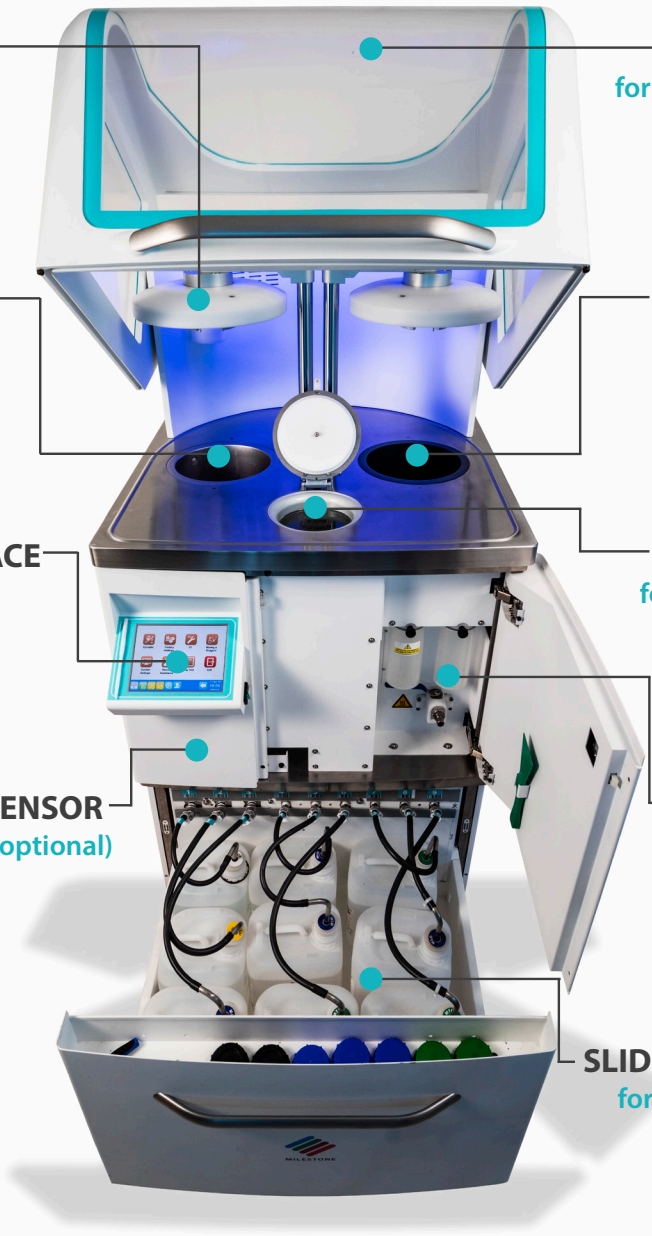
ENCLOSED CABINET
for safe operation/visual alerts

INDEPENDENT RETORT
for processing

INDEPENDENT RETORT
for wax infiltration

INTUITIVE USER INTERFACE
for ease of use

AUXILIARY RESERVOIR
for additional wax (optional)



REAGENT ULTRASONIC SENSOR
for detecting contamination (optional)

EASY ACCESS DOOR
for wax exchange

SLIDING REAGENT DRAWER
for quick reagent replacement

SEE MAGNUS IN ACTION

SAFETY:
Safer for both operators and specimens

TIME SAVINGS:
Reduced specimen turnaround time

ACCOUNTABILITY:
Money savings through reduced operational costs

EFFICIENCY:
Fully documented continuous throughput

FLEXIBILITY:
Any size tissue on the same processing run, day or night

KEY BENEFITS

NO "CLEANING CYCLE"
- Dedicated wax retort
- Eliminate cleaning reagents
- Save on reagent disposal costs

REAGENT MANAGEMENT
- Eliminate stepped alcohols
- No decanting. Use 1g or 5L jugs
- Replace paraffin every 30-60 days

SAFE BY DESIGN
- No xylene used in processing
- Ultrasonic reagent sensor (optional)
- Advanced, real-time monitoring

CONTINUOUS LOADING
- Continuous, automatic rack loading
- Independent reagent and wax retorts
- Workflow flexibility

OPTIMAL FIXATION
- No need to extend total cycle time
- Improved wax infiltration
- Clear, crisp nuclear detail

MAXIMUM EFFICIENCY
- Highest uptime in the industry
- No decanting = less tech time, no spills
- Same-day diagnosis

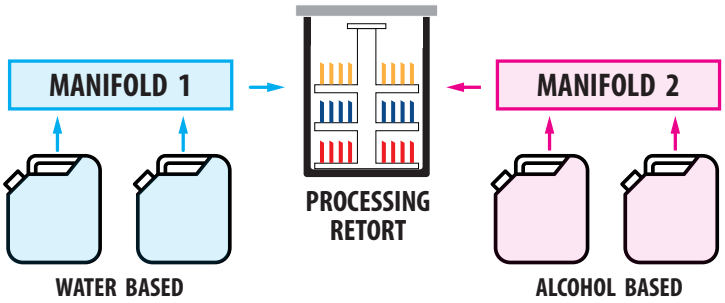
UNIQUE FEATURES

DEDICATED REAGENT MANIFOLDS
Water-based and alcohol-based reagents are separated by dedicated manifolds, ensuring tissue safety

DEDICATED WAX RETORT
Paraffin resides in the dedicated wax retort. There is no need for a cleaning cycle at the end of processing

REAGENT SENSOR (optional)
Sensor detects water contamination level in reagents, preventing processing with exhausted reagents

NO DECANTING
MAGNUS operates straight from commercial 1 gallon or 5 liter containers, without the need for decanting



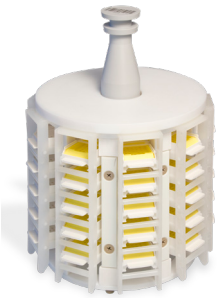
MAGNUS processing protocols have been validated to guarantee optimal specimen morphological and molecular preservation. MAGNUS fulfills all CAP/ASCO guidelines for assessing Her2, ER and PgR testing in breast tissues. MAGNUS allows for the use of any type of fixative, including formalin fixation. MAGNUS delivers the highest quality tissue processing with all types of tissues and cassette sizes, including supermega cassettes and whole mount.

RELATED PRODUCTS

T-Tracker:
Automatic Rack Scanner

HistosMATE:
Rack/Mold/Forcep Cleaning System

MileWATCH:
24/7 Monitoring & Tracking System



Synergy:
Auto-Embedding Rack System for MAGNUS

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