

Specifications and Accessories

Automated Tissue Processing System

Model	ATP-96A
Capacity	96 cassettes (3 modules)
Reagent Probe Assembly	1
Paraffin System	1 Dispenser, 1 Tank (5L)
Reagent Containers	7 x 3L
Waste Liquid Containers	2 x 5L
Temperature Control	• Thermostatic Module: 0 ~ 85°C (Heat/Cool: 20 min)
	• Paraffin Tank: Room Temp. ~ 85°C (Heat: 60 min)
	• Dispenser: Room Temp. ~ 85°C (Heat: 5 min)
Operation & Display	Android Tablet PC
Data Interface	Bluetooth
Power Supply	AC 198 ~ 240 V, 50Hz/60Hz
Dimensions (L x W x H)	1150×700×1500 mm
Weight	230 KG

DE-UNITE Cassette System

Model	DE-MAR	DE-MIR	DE-LIN
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Image



Dimension (L × W × H)	46×32×16 (mm)	46×32×16 (mm)	46×32×16 (mm)
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Deblocker

Model	BS-16A*
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Image



Capacity	16 DE-UNITES per batch
Applicable Cassette	DE-MAR; DE-MIR; DE-LIN
Run Time	≤ 5 s/time
Supply Voltage	AC220V 50Hz
Dimension(L × W × H)	310×183×192 mm
Weight	10 KG

DE-UNITE Cassette Printer

Model	EMarker-11A-C110*
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Image



Compatible Cassette	DE-UNITE cassette	Operating System	Windows11, Windows10, Windows 7, x64/x86; Windows XP
Printing Technology	Laser	System Interface	LIS, LIMS, HIS, PIS, PACS
Single Print Speed*	≤ 6 seconds	Supported Encoding Data	Texts, Numeric, Alphabets, Basic symbol
Cassette Capacity	1 hopper	Supply Voltage	100-240 VAC, 50/60 Hz
Resolution	2500 dpi	Dimension (L × W × H)	230×410×360 mm
Operation & Display	PC (Resolution: 1024 x 700 or higher)	Weight	16 KG

* DE-UNITE Laser Cassette Printer and Deblocker are available as optional upgrades

HEALTHSKY

Where Pathology Meets Innovation



HATPS
Automated Tissue Processing System

From Cassette to Block, Fully Automated, Fully Safe



Featuring DE-UNITE™ Individual Processing Technology



HEALTHSKY
Histology Solutions

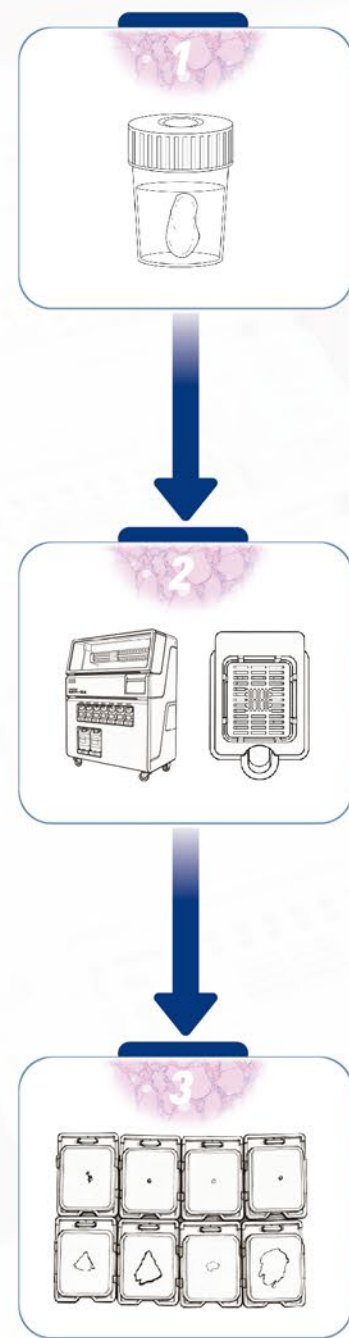
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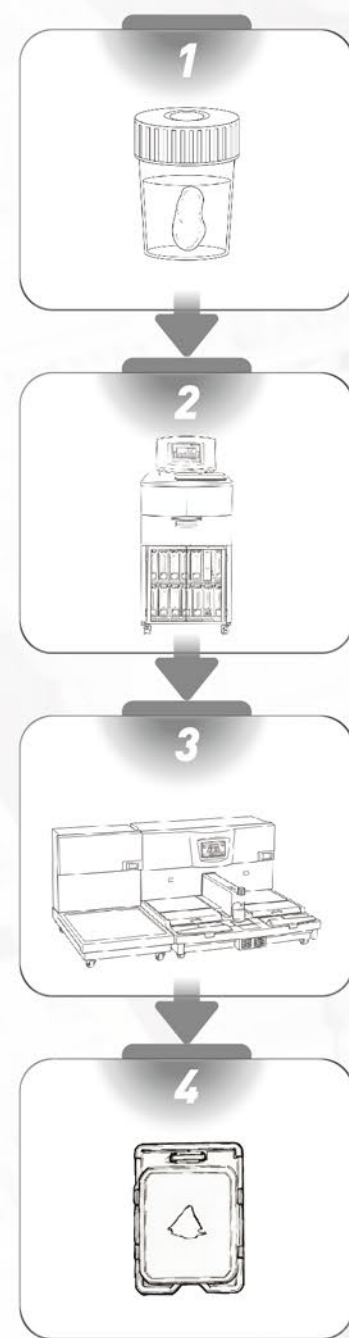
HATPS

Individual processing
Single-use reagents
Consistent orientation
Automated embedding



Conventional

Batch Processing
Carry-over contamination*
Manual embedding variability
Labor intensive

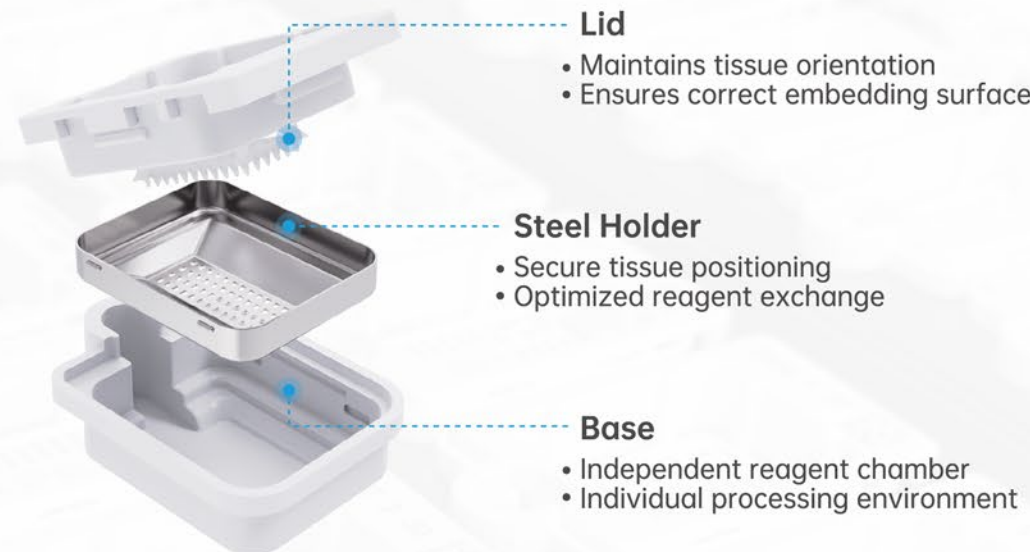


*: A published study reported contamination rates as high as 14.9% under controlled experimental conditions and demonstrated that tissue fragments and viable tumor cells could be transferred through routine histology workflows.

DE-UNITE™

No Shared Reagents / No Cross-Contamination / No Manual Embedding

Individual Tissue Processing & Automated Embedding
Every Specimen Processed Individually



Tailored for Different Tissue Types

DE-UNITE Micro Ideal for

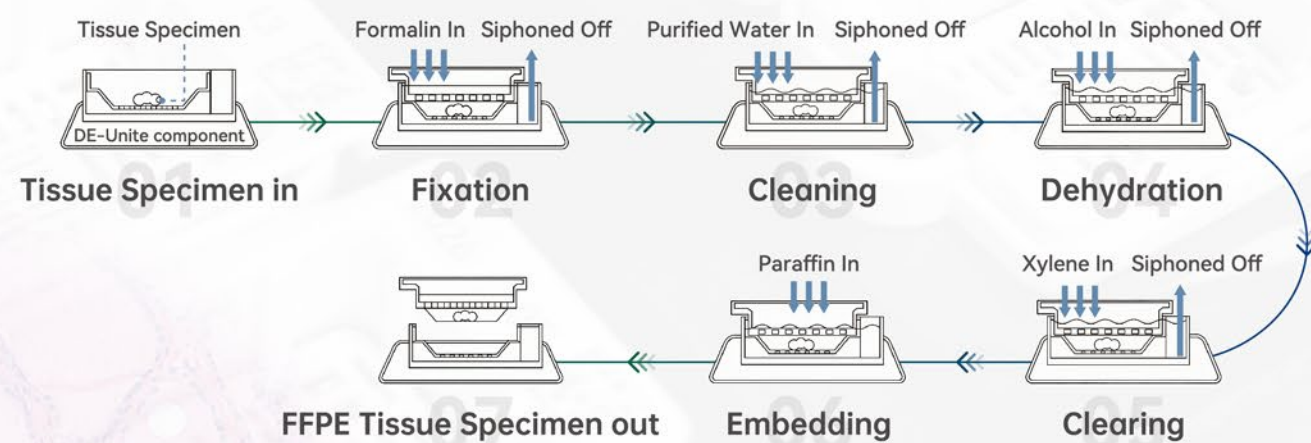
Core biopsies
Endoscopic biopsies
Small tissue specimens
Between 1.5×1.5×1.5-4×4×3 mm

DE-UNITE Linear Ideal for

Prostate biopsies
GI biopsies
Needle biopsy strips
Between 1.5×1.5×1.5-5×3×18 mm

DE-UNITE Macro Ideal for

Routine surgical specimens
Between 4×4×3-11×17×4.5 mm



High Throughput with Maximum Flexibility



- Flexibility**
3 independent modules running different programs
- Continuous Loading**
Maximizes lab throughput
- Zero Contamination**
Enabled by independent processing
- User Friendly Operation**
Humanized and easy to use Operation
- Fully Automated**
Hands-free dehydration and embedding
- Diversification**
Patented DE-UNITE for various sample types

Benefits Beyond Automation

- 01 Improve Diagnostic Confidence**
Individual specimen processing minimizes carry-over contamination
- 02 Standardize Tissue Handling**
Consistent orientation and embedding quality
- 03 Reduce Labor Dependency**
Eliminates manual embedding procedures
- 04 Enhance Traceability**
One specimen, one processing unit