



A Combination That's **Better Together**

Gemini AS Slide Stainer
Slide Basket Transfer System
ClearVue Coverslipper



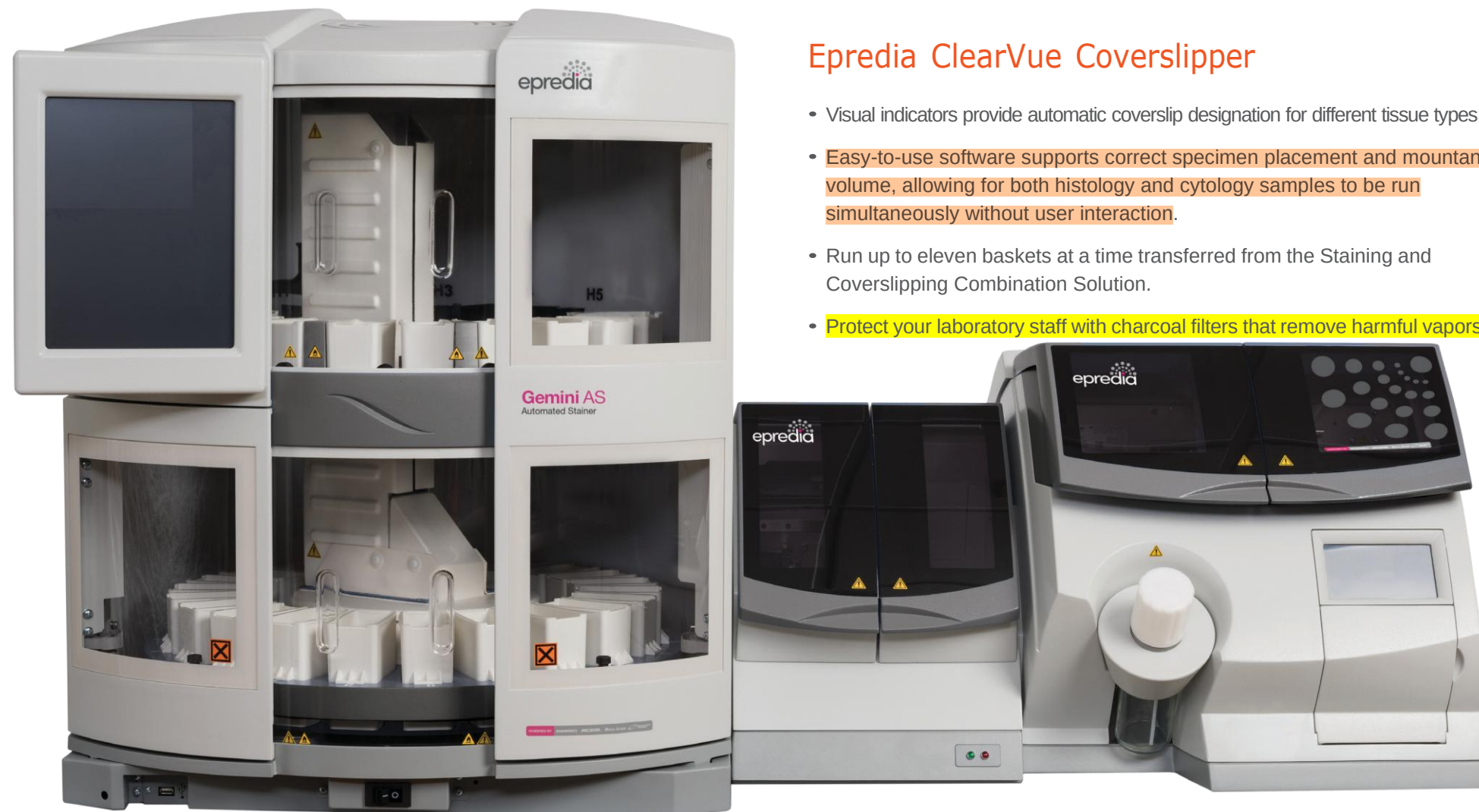
The combined staining and coverslipping solution

Knock out unnecessary tasks and increase your laboratory's productivity

The Eprelia Slide Basket Transfer System eliminates the need to manually transfer slide baskets from the Eprelia Gemini AS™ slide stainer to the Eprelia ClearVue™ coverslipper.

Eprelia Slide Basket Transfer System

- Free up your team's time with automatic transfer of slide baskets from the Gemini AS slide stainer to the ClearVue coverslipper.
- Simply place slides in the Gemini AS slide stainer and carry on with other tasks without distraction.
- The system will alert you when the slides have finished coverslipping in the ClearVue coverslipper.
- By eliminating transfer between the Gemini AS slide stainer and ClearVue coverslipper, reduce your team's exposure to harmful fumes.
- Compatible with Gemini AS slide stainers and ClearVue coverslippers made after February 2018 only.



Better Together

Paired with the Staining and Coverslipping Combination Solution, the Gemini AS slide stainer and the ClearVue coverslipper have the power to reduce manual steps in your laboratory workflow.

Eprelia Gemini AS Automatic Slide Stainer

- Improve throughput with 26 reagent stations – enough to run several protocols at once.
- Intelligent software automatically optimizes reagent layouts and allows for multiple racks to be run for maximum output.
- Urgent start gives user the opportunity to prioritize “urgent” baskets without compromising those already in process
- LED lighting and easy-to-access reagent stations provide a clear, accessible view of the staining area.
- Five optional on-board heaters cater to slide drying in high-volume situations.
- USB connectivity allows protocols, reagent layouts, and event logs to be saved for future use, saving time later.

Eprelia ClearVue Coverslipper

- Visual indicators provide automatic coverslip designation for different tissue types.
- Easy-to-use software supports correct specimen placement and mountant volume, allowing for both histology and cytology samples to be run simultaneously without user interaction.
- Run up to eleven baskets at a time transferred from the Staining and Coverslipping Combination Solution.
- Protect your laboratory staff with charcoal filters that remove harmful vapors.





Your complete solution

For complete workflow synergy, use Epredia Hematoxylin, Eosin, mountants, microscope slides, and coverslip holders to enhance the use of your Epredia staining and coverslipping combined solution.

With you when you need us

Epredia offers a variety of service and support options designed to help you minimize downtime and maximize workflow. To learn more, contact your local Epredia sales representative.

Specifications

Category	Specifications
Slide Basket Transfer System with Gemini AS slide stainer and ClearVue coverslipper	

26 reagent stations with 320 ml capacity each. Load up to 15 baskets of 20 slides continuously. Optional accessory for barcode scanning of slide and LIS connectivity on the ClearVue coverslipper to signal when slides are coverslipped. Basket orientation sensors indicate when slide baskets are loaded in correct orientation to go through the Slide Basket Transfer System.

Slide Basket Transfer System	
Width (Gemini AS slide stainer + SCombo Solution + ClearVue coverslipper)	157 cm (61.81 in.)
Depth (Including Gemini AS slide stainer touchscreen housing)	79 cm (31.0 in.)
Height (Gemini AS slide stainer)	890 mm (35.04 in.)
Weight with no reagents	165 kg (365 lb)
Weight with typical reagents	179 kg (395 lb)

Electrical Specifications	
Power supply voltages	110-1240 VAC (-) Maximum supply voltage fluctuations not to exceed +/- 10% of nominal voltage
Frequency	50/60 Hz
Power	600 VA
Fuses	2 x 110A, 250V

Ordering Information

Description	Cat. No.
Slide Basket Transfer System For use with Gemini AS stainers and ClearVue coverslippers manufactured after February 2018.	A84500001
Gemini AS Slide Stainer	
Gemini AS, unheated	A81500002
Gemini AS, with five heated stations	A81500001
ClearVue Coverslipper	
ClearVue coverslipper	A79200001
Accessories	
Transfer baskets (5) black	A84510032
Transfer baskets (5) white	A84510041
Operator guide	A84510100
Documentation CD	A84510100-CD
Xylene tray	A84530101
Manual unload tool	A84530110
Wash bottle	AP18730

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Find out more at epredia.com/staining-and-coverslipping-solutions

Gemini AS



Product Status: Current Manufacture - Full Support

The Thermo Scientific Gemini AS is the latest staining solution in the Gemini range, designed for high throughput and varied protocols.

Features

- Load multiple 20-slide baskets for simultaneous staining
- **Intuitive software makes it possible for the Gemini AS to perform separate protocols** simultaneously with multiple baskets in process
- **All-new easy to navigate touchscreen** allows an at-a-glance visual check on progress in multiple languages
- Provides all the information required for routine operation from a single screen
- New LED lighting provides superior visibility within the staining area
- New USB connectivity allows rapid access to data and protocols
- **Units available with or without five independently-heated positions for drying slides**
- Complete with 6 water stations, 26 reagent stations of **320ml**, and a total of 4 configurable doors for loading and unloading
- Battery back-up provides 40 minutes of power

Powerful, Easy to Use Software

- With the touch of a single button, the software schedules runs, allocates reagents, optimizes the reagent plan and calculates the most efficient route for each protocol
- **The new high clarity touchscreen displays the progress of each basket**
- Writing new staining protocols is simplicity itself
- Comes complete with suggested staining protocols which may be easily modified
- Edit capabilities for up to 15 active protocols.

Unique Design

- Ergonomic control panels with four user-configurable loading and unloading doors
- Two-level design and fully-integrated power supply saves bench space

- Dishwasher-safe reagent pots make for easier cleaning
- Lower-level staining stations are on a turntable for easy access to all dishes from the front of the machine
- Fully compatible with the Thermo Scientific range of coverslippers

Safety

- The power supply has a voltage range from 110 - 240V ($\pm 10\%$) and is strong enough to handle power fluctuations including surges, spikes, and brownouts
- The Gemini AS battery back-up provides 40 minutes of power
- Handles fume control with an easy-to change carbon filter or through connection to an optional external vent adapter kit
- Water supply lines are protected by internal flow regulators and anti-siphon devices on the water supply
- Smart software keeps the unit's robotic arm from entering user access areas

Versatile Command Features

- Auto-allocation optimizes reagents and efficiently uses available staining stations by calculating the quickest throughput path with the shortest moves for each basket
- Urgent Start gives the user the opportunity to prioritize "urgent" baskets ahead of those already in process. The unit's software allows this speed without compromise
- Auto-return allows the user to recall any loaded basket back to the loading area
- Gemini AS offers passcode protection to secure the operator's customized protocols. Each protocol can consist of up to 50 individual steps. The system allows up to 50 protocols to be created.

Quality Control Features

- Displays reagent usage and batch throughput
- Procedures, reagent layout, and a complete event log may be recorded using the built in USB port for quality control records and engineering purposes

Included with Product:

Charcoal filter, Staining Basket and Carrier - 5 / Pk. (2 supplied), 3-Well Water Station (2 fitted), Single Pot Cover - 6 / Pk., Multi-Pot Cover - 4 / Pk., Water Inlet Hose - 8 ft. (2.5 m) long, Cytology Stainer (without heat) - Stain Pots (35 supplied), Histology Stainer (with heat) - Stain Pots (30 supplied), Spare Staining Pots - 3 / Pk., Monitor Cable, Screened Data Cable, Operator Manual (specify language), Service Record Book

Certifications:

Designed to meet IEC 61010, CSA, UL, and CE Mark (IVDD compliant).

Specifications

Features

Automatic optimization of staining routines
Duplicate or share reagents assigned according to QC usage
Up to 12 slide racks processed simultaneously

Benefits

Faster staining and longer reagent life
Reduce downtime to change reagents
Higher throughput

Dual level construction	More efficient use of laboratory space
Built in intuitive touch-screen user interface	Greater space efficiency and user friendly control
LED lighting within the staining area	Superior visibility of the staining area
Fully editable user-defined protocols	For maximum flexibility and easy set-up
Four configurable doors	Load and unload without interrupting workflow
Optional five independently heated positions	Improved throughput
New easy to navigate software	Easier operation and at-a-glance visual check of status
Fume control via carbon filter or vent adapter kit	Safer working environment for the operator
Passcode protection	Keep customized protocols safe and secure
Internal flow regulators and anti-siphon devices	Protects water supply
USB port	Easier data download
Dishwasher-safe reagent pots	Easier reagent pot cleaning
General Specifications	
Maximum number of slide racks simultaneously	12
Independently heated positions	5
Number of reagent stations	26
Number of running water stations	6
Number of configurable loading / unloading doors	4
Battery backup	Up to 40 minutes
Physical and Electrical Specifications	
Dimension (D x W x H)	790mm x 720mm x 888mm 31.1" x 28.3" x 35"
Weight	87Kg / 191 lb
Power supply voltages	100-240 V _{AC}
Frequency	50 / 60 Hz
Power	300 VA
Fuses (x2)	T10A; 250V
Environmental Specifications	
Temperature (operating limits)	+5°C to +40°C
Temperature (recommended)	+15°C to +30°C
Temperature (transit / storage)	-25°C to +55°C; +70°C for short exposure
Water supply pressure	Minimum 0.2 Bar; maximum 10.0 Bar at 20°C, decreasing linearly to 8.0 Bar at 40°C
Humidity	Maximum 80% RH at 31°C decreasing linearly to 50% RH at 40°C
Altitude	Up to 2,000 m
Pollution degree	2
Over voltage category	II
Ordering Information	
Gemini AS; Heated (dual voltage)	A81500001
Gemini AS; Unheated (dual voltage)	A81500002



Intelligent, Simple Coverslipping

ClearVue™ Coverslipper



ClearVue™ Coverslipper

Coverslipping can be a tedious task in your laboratory. Epreidia offers automated coverslipping with the ClearVue™ coverslipper. Delivering speed and accuracy to complete the coverslipping workload for the busiest of laboratories, the ClearVue coverslipper accepts pre-loaded coverslip holders to deliver a clean, single coverslip consistently every time.

Place a basket of slides onto the load rail and close the door. It's that simple — Epreidia ClearVue™ coverslipper does the rest, delivering the speed and precision your busy lab demands.



Load-on-Demand

- Load baskets one at a time or up to five baskets together
- Continuously load up to eleven baskets to manage workflow



Specimen Recognition

- Can handle both histology and cytology samples simultaneously through recognition of ClearVue™ slide basket retainer
- Adjusts the amount of mountant based on slide basket retainer



User Interface

- Intuitive user interface featuring a touch screen panel
- Software monitors the type of slide preparation, size and number of coverslips dispensed, and the number of baskets waiting to be coverslipped



Optical Recognition

- Optically recognizes and positions slides during the coverslipping process
- Recognizes the position of each slide in a basket, removes each slide with a set of slide grippers and returns every slide while maintaining slide positioning



Pre-Loaded Coverslip Hoppers

Convenient, pre-loaded coverslip holders





Safety Features

- System will not operate when any door is open, protecting the user
- Downdraft ventilation protects the user from harmful fumes when loading and unloading slide baskets
- Charcoal filter removes any vapors before they can escape the unit
- Removable debris and purge trays make clean up quick and easy
- Battery backup ensures completion of any basket in process during power cut



Compatibility

- Offers compatibility with a variety of stainers to accommodate almost any lab setting
- Accepts slide baskets directly from the Gemini™ AS slide stainer and Slide Basket Transfer System, and also Sakura DRS™ 2000 and Leica™ Auto-Stainer™
- Slide baskets from any of these stainers can be loaded onto the ClearVue™ coverslipper in a mix or match fashion without making adjustments

Product Description	Cat. No
ClearVue™ Coverslipper	A79200001
Physical Specifications	
Dimension (D x W x H)	22.6 x 25.4 x 19.7 in. (57.4 x 64.5 x 50 cm)
Weight	106 lbs / 48 kg
Power supply voltages	100-240 VAC
Frequency	50 / 60 Hz

Coverglass Hoppers for Clearvue™ Automated Coverslipper

- To be used with EpreDia ClearVue™ Automated Coverslipper
- 2 hoppers per case

Dimensions	Thickness	Quantity	Cat. No
24x50mm	#1	575 per hopper, 2 hoppers per case	A79210166
24x40mm	#1.5	500 per hopper, 2 hoppers per case	A79210050
24x50mm	#1.5	500 per hopper, 2 hoppers per case	A79210051
24x55mm	#1.5	500 per hopper, 2 hoppers per case	A79210052



Combined Staining and Coverslipping Solution – Gemini™ ClearVue™ Combined System

Free up technician time with the automatic transfer of slides baskets from the Gemini™ AS Slide Stainer to the ClearVue™ Coverslipper by the Slide Basket Transfer System. Components available separately to upgrade existing equipment‡.

Gemini™ AS Automatic Slide Stainer

- Improve throughput with 26 reagent stations – enough to **run several protocols at once**
- **Intelligent software automatically optimizes reagent layouts and allows for multiple racks to be run for maximum output**
- Five optional on-board heaters cater **to slide drying in high-volume situations**



Product Description	Cat. No
Gemini™ ClearVue™ Combined Staining and Coverslipping Solution	
– With 26 reagent stations and 5 heater stations	A84500005
– With 26 reagent stations and 5 dry storage positions	A84500006

‡Contact your EpreDia representative to discuss upgrade options.

Safety First and Foremost

To prevent mishaps, ClearVue is nonoperational when any of its doors are open. If power is interrupted, battery backup completes basket coverslipping.



Downdraft Ventilation

When unloading slide baskets, the coverslipper protects users from harmful vapors with downdraft ventilation.



Charcoal Filter

A charcoal filter provides added security by removing vapors before they escape



Removable Debris and Purge Trays

ClearVue's removable debris and purge trays allow for easy clean up of excess mountant or broken glass.

ClearVue Specifications:

Description	Unit Size	Order Number
ClearVue Coverslipper	1	A79200001
Included With Product:	3/pkg.	
Side loading basket (black slider—Gemini compatible)		
Transfer head suction cup	3/pkg.	A79210081
Drying basket stand for 5 baskets	3/pkg.	A79210056
Coverslip Hoppers - 24mm x 50mm #1.5	1	A79210051
Purge trays (Hopper end-caps)	2/pkg. 500 coverslips ea.	A79230239
Mainslead US, UK, EU	2/pkg	
Filter	1	9990610
Debris Tray	1 ea.	A79230198
Brush flat head soft hair	1	P12257
Filler cap removal tool	1	A79230259
Safety and warranty booklet	1	A79910001
Set-up guide and unpacking guide	1	A79210110
Quick reference cards	1	A79210120

Dimensions: (D x W x H): 22.75" x 25.5" x 19.75" (57.5 x 64.5 x 50cm)

Weight: 110lbs (50kg)

Power Requirements: 100-240Vac, 50/60Hz, 300VA

Available Accessories	Unit Size	Order Number
ClearVue baskets w/black sliders (Varistain Gemini compatible)	5/pkg.	A79210064
ClearVue baskets w/white sliders (Varistain Gemini compatible)	5/pkg.	A79210065
ClearVue baskets w/black sliders (Sakura DRS 2000 compatible)	5/pkg.	A79210066
ClearVue baskets w/white sliders (Sakura DRS 2000 compatible)	5/pkg.	A79210067
ClearVue basket hangers (Sakura DRS 2000 compatible)	5/pkg.	A79210068
ClearVue baskets w/black sliders (Varistain V24-4)	5/pkg.	A79210069
ClearVue baskets w/white sliders (Varistain V24-4)	5/pkg.	A79210070
Conversion kit for Varistain V24-4	1 kit	A79210071
ClearVue baskets w/black sliders (Leica compatible)	5/pkg.	A79210072
ClearVue baskets w/white sliders (Leica compatible)	5/pkg.	A79210073
Shallow load tray for loading baskets (w/lid)	1	A79210092
Drying basket stand for 5 baskets	1	A79210056
Filter	1 ea.	9990610
Charcoal filters	6/pack	7411258
Extraction kit	1 ea.	A79210080
Soft hair brush	1 ea.	P12257
Suction cups	3/pkg	A79210081
Coverslip Hoppers - 24mm x 40mm #1.5	2/pkg. 500 coverslips ea.	A79210050
Coverslip Hoppers - 24mm x 50mm #1.5	2/pkg. 500 coverslips ea.	A79210051
Coverslip Hoppers - 24mm x 55mm #1.5	2/pkg. 500 coverslips ea	A79210052
Coverslip Hoppers - 24mm x 40mm #1.0	2/pkg. 575 coverslips ea	A79210165
Coverslip Hoppers - 24mm x 50mm #1.0	2/pkg. 575 coverslips ea.	A79210166
ClearVue Mount	16oz	4211
ClearVue Mount XYL	16oz	4212

Find out more at [epredia.com](https://www.epredia.com)