

Automatic Film Coverslipper for Histology and Cytology



Flexible
Open system
User-friendly
Reliable
Secure

Quality meets Innovation

THE Film Coverslipper for exceptional demands

- designed to work perfectly with **IPI Pathotape®** coverslipping film -



IPI Pathomat®

The most advanced film coverslipper for maximum efficiency, sample safety, and coverslipping quality in your laboratory!

Coverslipping Capacity

Up to four slide baskets with a total of 120 slides can be processed in just 12 minutes. A single roll **IPI Pathotape®** provides up to 1,400 coverslips.

Reliability and Quality

Cutting-edge control technology and precision mechanical guidance ensure reliable processing and long-lasting coverslipping quality for every slide.

Specimen Security

Advanced error detection routines ensure that incorrectly inserted baskets and slides and inadequately covered specimens are detected early, minimising the risk of specimen damage or contamination.

Flexibility

The first device of its kind to support both 20- and 30-slide baskets from various manufacturers, equipped with individually configurable, basket-specific coverslipping programs.

Ease of Use

Durable, solvent-resistant touchscreen with intuitive user interface and extensive configuration options for effortless and convenient operation.

Laboratory Staff Protection

The 'VarioTexture' surface of **IPI Pathotape®** and adapted coverslipping programs significantly reduce the specific xylene requirement. The high performance activated carbon filter minimises emissions and the 24V low voltage technology ensures safe operation.

Other innovative features of the IPI Pathomat®

- Optimized coverslipping procedure with rapid sample drying enables immediate expert assessment.
- Flat, homogeneous surface, high transparency, and bubble-free quality ensure optimal conditions for flawless digital scanning.
- Low maintenance requirements due to high-quality system components (durable blades, laser sensors, industrial control modules).
- Compatible with most slide baskets featuring removable handles, making it seamlessly integrable into existing device setups with various stainers.
- Easy exchange of basket adapters to support integration of newly acquired stainer types.
- Comprehensive status logging of all critical system information enables rapid information exchange with service providers for efficient, customer-focused problem resolution.



The device is manufactured 100% in Germany in accordance with the EU IVD Directive 2017/746 and the standards DIN EN ISO 9001, DIN EN 61010, DIN EN 61326, DIN EN ISO 14971, taking into account DIN EN 13485.

Device Specifications

| | |
|---------------------------|---|
| W x H x D: | 68 x 56 x 48 cm |
| weight: | 55 kg |
| processing capacity: | 4 slide baskets |
| slide baskets: | 19 - 30 slides |
| processing time: | 12 mins for 120 slides |
| compatibility: | all standard slide baskets with removable hangers |
| acceptable slides: | 76 x 26 mm thickness: 0.9 - 1.2 mm |
| solvent: | Xylene (specified for histology / microscopy) |
| exhaust air purification: | IPI activated carbon filter (active / passive use) 3" exhaust connection |
| power supply: | external power supply 100-240 V AC / 24 V DC |
| power consumption: | 150 W (coverslipping mode) |
| classification: | CE IVD-device according to EU-regulation 2017/746 |



Multifunctional Coverslipping Film

... made in Germany



The **IPI Pathotape®** coverslipping film offers a time-saving, precise solution for the secure sealing of histological and cytological specimens. With minimal use of xylene, it provides reliable protection against dust, moisture and oxidation, enabling long-term, quality-preserving storage.

The special 'VarioTexture' surface ensures optimal distribution of the solvent and guarantees even adhesion and outstanding transparency for microscopic analyses.

IPI Pathotape® is a cost-effective, environmentally friendly alternative to glass cover slips, as it does not require an expensive mounting medium – xylene is sufficient for activation. Thanks to its rapid adhesion and drying, the samples are immediately ready for analysis, making the coverslipping film ideal for use in automated laboratories equipped with digital scanners.

The **IPI Pathotape®** coverslipping film can be used on all currently available film coverslippers and offers excellent quality at a competitive price.

The **IPI Pathomat®** is specifically designed to maximize the benefits of coverslipping film, offering the ideal blend of high efficiency, superior coverslipping quality and sample safety.



Company Presentation

With over 100 years of film production expertise at the historic Wolfen site - where the world's first color film was produced - Island Polymer Industries GmbH specializes in high-quality cellulose-based films, renowned worldwide for their exceptional quality and versatility across various industrial applications.

Our product portfolio includes:

- Sunglass films for optimum protection and comfort
- Photographic films for professional image quality
- LCD films for enhanced display performance
- Technical films for a wide range of industrial applications
- Specialized medical films (**IPI Pathotape®**) engineered to meet the high standards of histology and cytology applications

With a strong focus on innovation, Island Polymer Industries GmbH holds several international patents and continually sets new standards. Beyond film production, our developments in medical technology are gaining increasing recognition - particularly the **IPI Pathomat®** automatic film coverslipper and the single slide film coverslipper **IPI Pathoslide®**.

Our products 'Made in Germany' are manufactured on a production area of 35,000 m² - adhering to the highest standards of DIN EN ISO 9001, DIN EN ISO 14001, DIN EN ISO 50001, as well as EU-IVD regulations.



Island Polymer Industries GmbH

A MEMBER OF **IGE** ISLAND GROUP ENTERPRISES

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