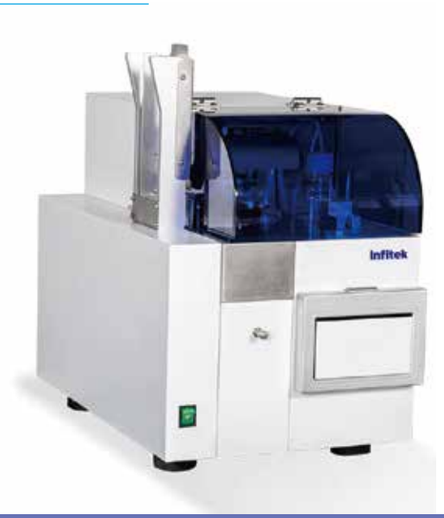
Coverslipper

CS-400T

- Coverslipping Speed: ≤ 550 slides/hour
- Output Magazine Capacity: 2 magazines (60 slides in total)
- Offers both dry and wet coverslipping modes
- Compatible with coverslips of various brands and specifications



Description

The automatic coverslipper is a device designed for the automated coverslipping of microscope slides containing cell, blood, and body fluid specimens.

Characterized by its ease of use, high workflow efficiency, and consistent coverslipping quality, the automatic coverslipper is widely utilized in slide preparation. It has been adopted by pathology departments in major hospitals, gradually replacing traditional manual coverslipping. This product automates the entire coverslipping process under microcontroller command. The user-friendly human-machine interface is intuitive and easy to learn, making the system highly favored by medical professionals.

Specification

Model	CS-400T
Output Magazine Capacity	2 magazines (60 slides in total)
Slide Rack Capacity	1–60 slides/rack
Slide Rack Type	30 slides/rack
Coverslip Magazine Capacity	160 coverslips/magazine
Slide Specifications	26*75mm (Standard)
Coverslip Specifications	24×(40–60) mm (Standard)
Coverslipping Speed	≤ 550 slides/hour
Dimensions	590*390*620mm
Net Weight	38kg

Features

Compatible with coverslips of various brands and specifications to meet different requirements.

Compatible with multiple types of staining racks (including basket and non-basket designs), featuring automatic rack recognition with no manual adjustment required to improve workflow efficiency.

Offers both dry and wet coverslipping modes, allowing users to switch as needed in the general parameter settings.

Stepless adjustment of mounting medium dispensing volume and speed ensures compatibility with various imported and domestic mounting media, providing real-time response to achieve optimal coverslipping results.

Automatically monitors coverslip quality during operation; broken or defective slips are automatically discarded into the waste box, and the sensors feature self-test capabilities to ensure smooth operation and improve work efficiency.

Automatically carries out two rounds of slide scans during the work process, effectively reducing the slide miss rate and improving coverslipping quality.

Real-time detection and alarm function for whether the dispensing needle is in the working position, with a cleaning bottle designed at the storage position to effectively prevent the nozzle from drying (requires manual operation).

Employs multiple alarm modes including visual displays and audible alerts; the audible alarm automatically stops after 5 cycles.

The slide gripping features automatic adjustment and positioning; automatically resets and triggers visual and audible alarms after 3 failed attempts.

The slide output magazine allows loading and retrieving at any time, with the machine automatically executing the operation; automatic detection and visual/audible alarms are triggered if the output magazine is missing.

Features automatic obstruction detection and reset alarm function during the slide placement process.

Color touch screen control interface with real-time dynamic prompts of operation instructions, offering simple and efficient operation while reducing the risk of error.

Equipped with a high-suction, ultra-quiet exhaust fan and a built-in replaceable active carbon filter, enhancing heat dissipation while effectively preventing air pollution.