

DAKEWE

SUPERIOR QUALITY · EXCELLENT SERVICE



Glass Coverslipper CS500
Fully Automatic Glass Coverslipper

SYSTEM SPECIFICATIONS

GENERAL	
Supply voltage	100 - 240 VAC, 10%
Supply frequency	50/60 Hz
Main fuse	/
Maximum power consumption	180 VA
Operating temperature range	+15°C - +35°C
Transport temperature range	+5°C - +50°C
Storage temperature range	-20°C - +50°C
Relative humidity for transportation and storage	Up to 85% without condensation
Noise level	≤ 65 dB
DIMENSION	
Size (W x D x H), unit: mm	660 * 770 * 640 mm
Empty weight, excluding packaging	approx. 90 kg
Weight with packaging	148 ± 10 kg

EXHAUST SYSTEM	
Hose materials	EVA (ethylene-vinyl acetate copolymer)
Unfloded length of hose	3000 mm
Hose diameter	60 mm
Compression length of hose	41 mm
Displacement	35 m³/h
Suction	Activated carbon strainer and suction hose connected to external suction unit
PERFORMANCE	
Throughput of sample slides	90 pcs
Volume of cover slip box	200 pcs
Size of slide	(25 - 26) mm * (75 - 76.2) mm
Size of cover slip	(24 - 25) * 50 mm
Volume of sealant bottle	250 ml



DAKEWE
Dakewe Medical
Shenzhen, China
www.dakewemedical.com



Distributed by:
Axlab A/S
+45 35 43 18 81
axlab@axlab.dk
www.axlab.dk



YOUR VISION.
OUR INSPIRATION

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Fully Automatic Glass Coverslipper

CS500 fully automatic glass coverslipper is applicable with multiple environments. It has stand-alone mode and online mode with DP360 stainer to form the integrated combo workstation. It features fast sealing speed, one-stop tray output, emergency mode for prioritizing the urgent slides and QR code scanning etc.



High-throughput, High Efficiency and Fully Automation

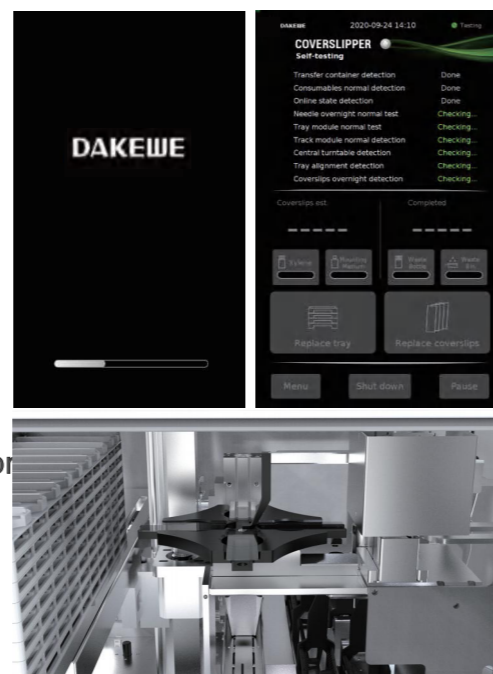
- **Self-checking**

Instrument performance and reagent status can be automatically detected when it is powered on. Broken coverslips can be automatically identified and disposed. All of which makes the system always under optimal operating condition.

- **Innovative one-in-four platform makes the transportation stable as always**

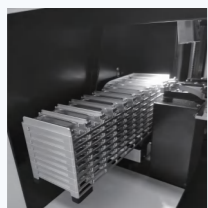
With the collaboration of multiple robotic arms, slides clamping, glue dispensing, slides capping and pushing can be performed at the same time.

The throughput can reach 360 slides per hour.



- **Direct slides output, saving manpower**

Skip the step of manually placing the slides on the tray and facilitate direct reading of the slides.



- **Intelligent needle management**

Due to the quantitative dispensing system, glue will be dispensed regularly and no glue overflow will occur.

It avoids the traditional pressure type of glue dispensing that can lead to different dispensing volume because of different glue viscosity and consistency.

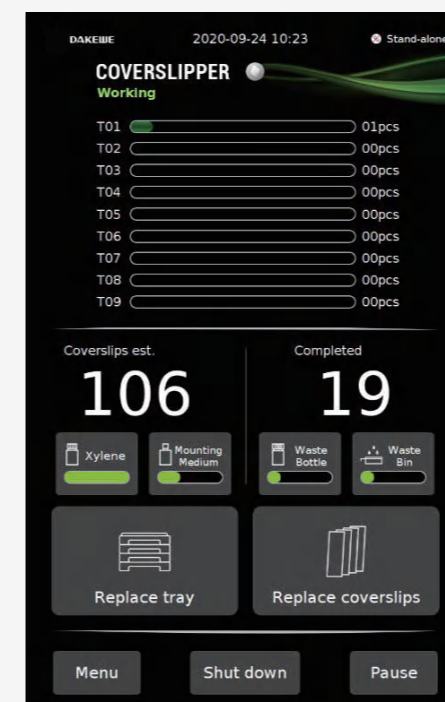
All of which makes the system always under optimal operating condition.



Ergonomic Design, Makes a Safe and Convenient Operation

- **Intelligent UI touch screen**

Real-time dynamic display of each slide's covering condition makes a visual display of the current amount of covering, coverslips remaining etc.



- **Manual loading channel, priority for emergencies**

The online mode is also compatible with manual uploading and it prioritizes to the urgently dealt slides to meet the different needs of the labs.

Program details

Step	Station	Reagent	Duration	Leachate time	Exact	Shaking
1	T1	Transit	00:00:00	0	No	0

Buttons: Save, View, Insert, Delete, Normal speed, Back

- **Unique interaction**

10.1 inch color touch display, user-friendly software design, simple operation process.

- **High compatibility**

Compatible with multiple brands of slides and racks.

