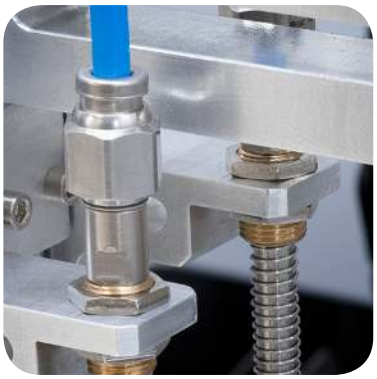
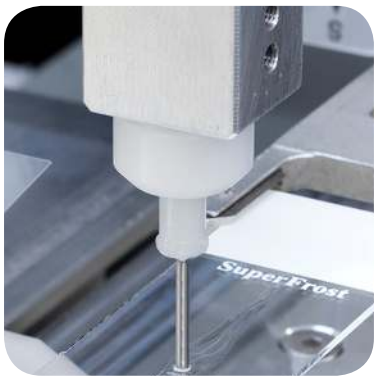
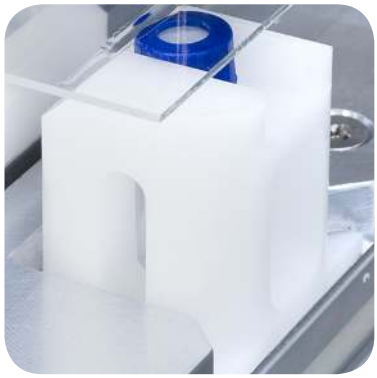




AUTOMATIC COVERSLIPPER

CVR

HISTOLOGY EQUIPMENT

INTELSINT

INTELSINT

CVR

AUTOMATIC COVERSLIPPER

CVR



The Intelsint CVR fully automated coverslipper takes part in a group of innovative scientific instruments designed and produced by Intelsint for automated coverslipping.

Intelsint CVR produces high quality slides which can be safety stored for long time.
Ones the slide is inserted into the loading station, the user does not need to manipulate or make any operation on it.

The slides are automatically placed on trays which can be extracted and taken directly to the pathology table.

Intuitive software and perfect mounting provide the best solution for the speed of the work in the lab





Mounting steps

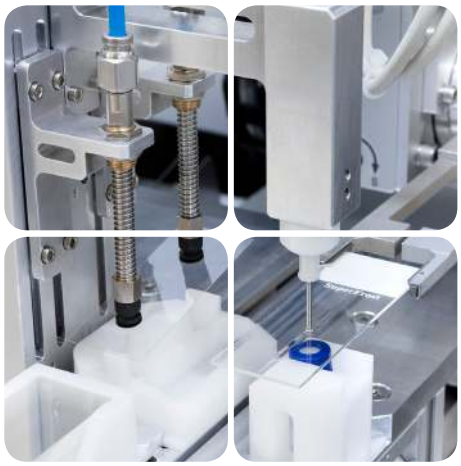
The coverglass is taken by suction cups while dispensing needle moves from the stand-by position (solvent cup) to the dispensing position
The glass slide is brought to the mounting site by a mechanical arm and the medium is dispensed on the section
The coverglass is mounted through a particular movement of the suction cup system to avoids bubble air formation
The covered slide is brought by the arm on a dedicated tray and the dispensing needle comes back to stand-by positon into the cleaning solvent

Revolutionary and unique automatic mounted slides exit system

As a unique feature, our instrument is able to bring the mounted slides directly on dedicated trays which can be taken directly to the pathologist's desk, this results in time saving for the user.

When the tray is completed it is automatically pushed forward in order to advise that it is ready to be taken





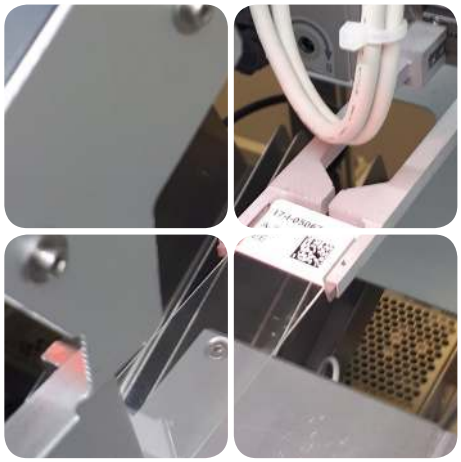
Another important aspect is the mounting dispensing system. It is possible to set, in a precise way, all the dispensing parameters:

- Quantity
- Speed
- Slide off-set
- Dispensing start point

In addition it is not necessary to substitute the dispensing needle, since the instrument is able to meet all operator's needs.
To avoid the needle obstruction, after every mounting, the needle is automatically cleaned through a solvent wash.

The mounting medium (500 ml bottle), is studied to be easily accessible, with rapid connections (level sensor included) which allows the operator to substitute the bottle without touching any wire.





Optional features

It is possible to interface the instrument to your LIS in order to ensure the traceability system of the samples.

AUTOMATIC COVERSLIPPER

INTELSINT



Fumes Neutralization:
air aspiration system with charcoal filter

Monitor Touch Screen
800x600

Mounted slides exit system:
can hold up to 9 trays of 10 slides each

Mounting medium
(500 ml bottle), is studied to be easily accessible, with rapid connections (level sensor included)



Discharging of the empty baskets:
The empty baskets are placed on two output slide equipped with sensors. Each slide can contain up to 3 basket before it needs to be emptied

2 coverglass slot available
Each slot can contain up to 100 coverglass. It is possible to set the dimension of the coverglass per each slot (40,50,60mm)

Mounting medium dispensing
Sophisticated and precise system for the dosage of the mounting medium. When not in use the dispensing needle is protected and cleaned to avoid cloggging

Functional Features

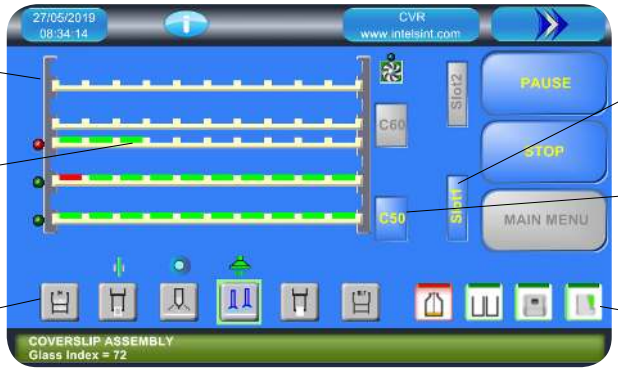
Possibility of continuously loading slide baskets (30 slides capacity each)
It can mount coverglasses with different sizes (24x40/50/60 mm), with rapid holder substitution
Possibility to work in "wet" or "dry" mode
Indication of mistakes during slides mounting
Regulation of dispensing offset (position, quantity and speed) without needle substitution
Mounting medium bottle with level sensor, rapid connection and easy substitution

Operator interface

Storage of completed slides
9 trays of 10 slides each
(90 slides in total)

Status of the completed glass
Green = OK
Red = error/not completed correctly

Situation of the different stages of processing



Cover glass slot currently in use

Cover glass currently in use

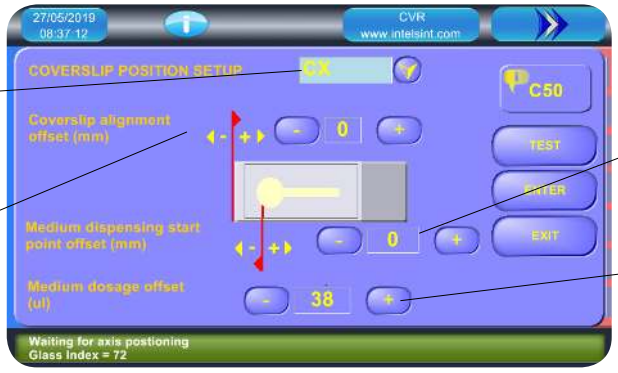
Mounting medium level
Output slides for the baskets
Drawer and Cover

The intuitive operator interface allows the user to always have all the different working stages under control

Setup for the cover glass position and the mounting medium dosage

Alignment of the cover glass on the slide
(center - left side)

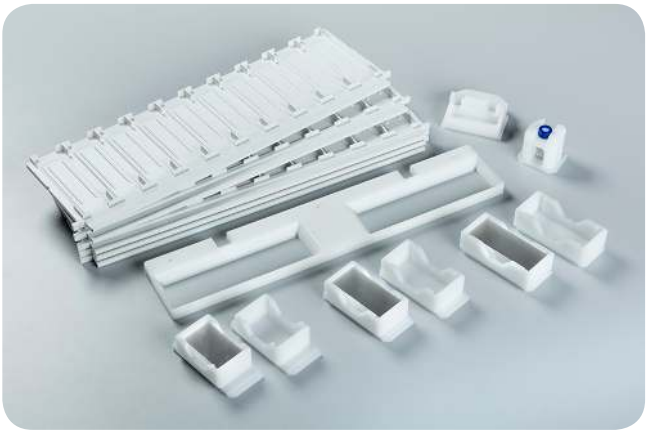
Settings for the coverglass alignment compared to the left side of the slide



Settings for the mounting medium dispensing start position

Settings for the mounting medium quantity requested on the slide

Precise setting of the coverglass on the slide and of mounting medium dispencing are provided thanks to the CVR sofisticated mounting unit.



Accessories

Coverglass holders with three different measures. Dispensing needle cleaning system to guarantee the continuous work of the instrument without interruption and obstruction. Dedicated slide trays (10 places) which can be extracted and piled for an easy transport.

Intelsint also provides adaptors for slide baskets of the most popular automatic stainers on the market.

CVR - Technical Specification

Dimensions and weight	Dimensions (LxDxH)	860 x 770 x 780 mm
	Worktop (LxD)	860 x 770 mm
	Weight	80 kg
Electrical data	Power supply	115 ÷ 230 V
	Frequence	50 ÷ 60 Hz
	Electrical power	0,6 kW
Working environment	Temperature / Humidity	15 ÷ 30 °C / 70% max
Productivity		180 slides/hour (directly on the tray)
Mounting Medium	Bottle volume	500 ml
Mounted slides output		9 trays with 10 places each

CVR - Optional accessories

Code	Description
ND	Vapor discharge manifold Diameter 100 mm

CVR - Spare parts (not included)

Code	Description
8C1838-F	Nozzle cleaning system holder (complete with bottle).
8C1835-B	Loader for coverslips of 24X40 (for 100 coverslips)
8C1836-B	Loader for coverslips of 24X50 (for 100 coverslips)
8C1837-B	Loader for coverslips of 24X60 (for 100 coverslips)
8C1238-G	Slide holder tray
8U1101-E	30-position slide holder basket
7AD001	Metal nozzle, G17
7RMF12	Vapor filter for mounting medium bottle
9U0001	Charcoal filter
9C0062	Suction cups with flanges
8C1260-A	Loading container lid

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