



AUTOMATIC COVERSGLIPPER

CVR909



CODE	DESCRIPTION
40-500-000	Automatic coverslipper CVR909
40-500-063	Right side closing panel (Order only in case of CVR Stand-alone)

*For version **stand alone**, add code 40-500-063



In Vitro Diagnostic – Medical device
IVD Class A, Reg. UE 2017/746



Manufacturer: Bio-Optica Milano S.p.A.

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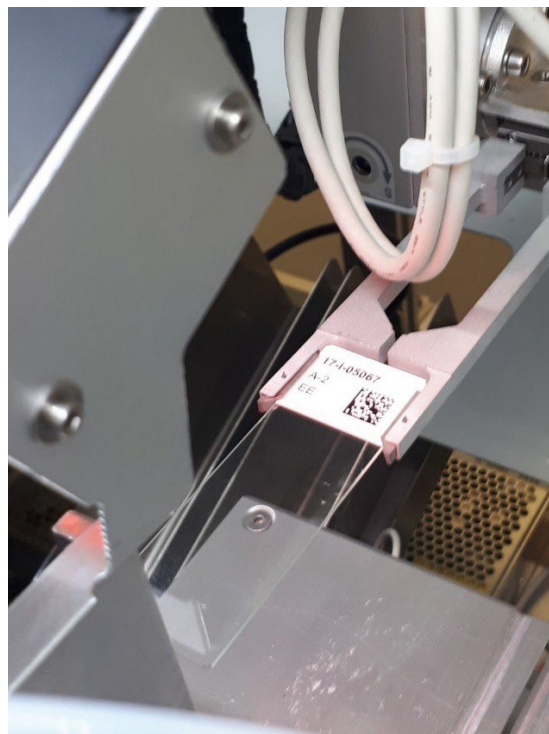
The new automatic coverslipper CVR909, the latest Bio-Optica creation characterized by the use of the most recent technologies, is able to guarantee:

- Ease of use
- Reproducible results
- Perfect mounting without air bubbles



INTERFACE WITH ALL THE LIS SYSTEMS

It is possible to interface the instrument to your LIS in order to ensure the traceability system of the samples. The barcode saves the processed glass in a shared folder that can be interfaced with the management software chosen by the customer.



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COVERSLIPPER FEATURES

The instrument is able to load continuously baskets with 30 slides capacity each.

The coverslipper has been studied to ease the operator work, this is the Reason why the coverglass loading station are 2 (one for use and one for back up), both with a capacity of 100 coverglasses each (200 in total without the intervention of the user). In addition, it is possible to load coverglasses of different dimensions:

- 24 x 40 mm
- 24 x 50 mm
- 24 x 60 mm

The substitution of the holders is rapid, so that the operator can adapt the instrument to his needs.

The coverslipper can work in "WET" or "DRY" mode.

As for the stainer, the coverslipper has an integrated aspiration system with active charcoal and it is possible to connect it to an external ventilation system.

The coverslipper has an integrated colour touch screen thanks to which it is possible to set different parameters and monitor different settings such as:

- Acoustic and visible signals for beginning and end of cycle
- Acoustic and visible signals in case of problems
- Filtration system control
- Mounted slides status control
- Signalling of mistakes during slides mounting



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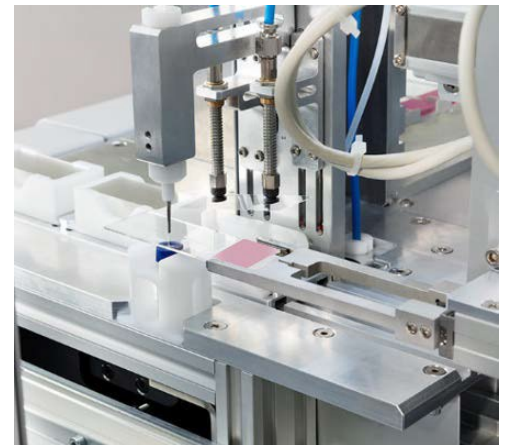


Unique and exclusive exit system of mounted glass slides: Bio-optica instrument **ALLOWS TO OBTAIN THE MOUNTED GLASS SLIDES DIRECTLY ON TRAYS IN HORIZONTAL POSITION**, by avoiding a huge time waste for the operators who will be able to bring the trays directly to the pathologist for the evaluation at the microscope.

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

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.

As for the stainer, it is possible to set a password at one level.

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Consumables for coverslipper (high quality results)

CODE	DESCRIPTION	PACKAGING
05-CVR500	CVR Mount, mounting medium Xylene	500 ml
05-CVR501	CVR Mount Ultra, mounting medium for isoparaffin (use with code 06-1306F)	500 ml
09-2040	Bio Optica coverglasses, 24 x 40 mm	1000 pcs
09-2050	Bio Optica coverglasses, 24 x 50 mm	1000 pcs
09-2060	Bio Optica coverglasses, 24 x 60 mm	1000 pcs
09-1000MB	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, frosted band, 25.5 x 75.5 mm	2500 pcs
09-1000	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, pink band, 25.5 x 75.5 mm	2500 pcs
09-1010	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, blue band, 25.5 x 75.5 mm	2500 pcs
09-1020	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, green band, 25.5 x 75.5 mm	2500 pcs
09-1030	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, white band, 25.5 x 75.5 mm	2500 pcs
09-1040	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, yellow band, 25.5 x 75.5 mm	2500 pcs
09-1050	Bio-Optica microscope slides, ground edge 90°, 45° clipped corners, orange band, 25.5 x 75.5 mm	2500 pcs
40-500-053	Vials for needle cleaning system with xylene (use with code 05-CVR500)	20 pcs
40-500-054	Vials for needle cleaning system with isoparaffin solvent (use with code 05-CVR501)	20 pcs
40-500-052	Slide tray, 50 pcs of 8C1238-G	1 pc

Standard equipment

CODE	DESCRIPTION	Q.TY
8C1835-B	Coverglass holder (24x40 mm), 100 pcs capacity	2
8C1836-B	Coverglass holder (24x50 mm), 100 pcs capacity	2
8C1837-B	Coverglass holder (24x60 mm), 100 pcs capacity	2
40-400-253	Active charcoal filter (filter's lifecycle is 90 days)	1
7RMF12	Vapour filter for mounting medium bottle (for about 6 months)	1
8C1238-G	Slide tray (10 slides capacity)	30
7AD001	Medium dispensing needle (G17 type)	1
8C1838-F	Needle cleaning system holder	1
8C1260-A	Reagent dish	2
7EV998	Power supply wire	1
40-400-265	Slide basket (30 slides capacity)	3


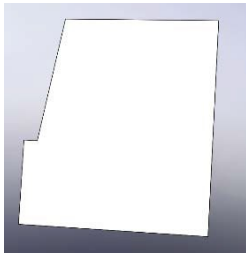

Coverslipper CVR909 technical features

Dimensions and weight	Dimensions (l x h x p)	860 x 780 x 770 mm
	Worktop (L x P)	860 x 770 mm
	Weight	80 Kg
Electrical data	Power supply	115 ÷ 230 V
	Frequency	50 ÷ 60 Hz
	Electrical power	0,6 kW
Environmental conditions	Temperature	15 ÷ 30 °C
	Humidity	70% max
Productivity		Up to 180 slides/hour (directly on the tray) *productivity change based on machining preferences
Mounting Medium	Bottle volume	500 ml
Mounted slides output		9 trays with 10 slides capacity (total: 90 slides)
Warning and precautions	Product classification	The product is intended for professional laboratory use for healthcare professionals.
	Recommendations	In the event of a serious accident, we recommend that you immediately inform Bio-Optica Milano S.p.A and the competent authorities

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Accessories for CVR909

CODE	DESCRIPTION		Q.TY'
40-500-061	Collector for external vapour waste (diametre 100mm)		1
40-500-063	Right side closing panel (Order only in case of CVR Stand-alone)		1
40-090-401	Desk Tech 90 - Laboratory bench, smooth worktop suitable for Coverslipper CVR		1

REVISION N°	REASON	REVISION DATE
001	Regulation adjustment UE 2017/746 - IVDR	10/03/2022
002	Update consumables for coverslipper	13/09/2022

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