

CRUMACYTO-2&3



CRUMA CYTO-3 cabinet has been especially designed for the preparation of cytostatic drugs as well as for the handling of biological agents risk group 1, 2 and 3. In this cabinet there is a third additional filtration stage located underneath the work surface. Moreover, the “Bag in and Bag out” patented filter changing protocol provides totally sealed contaminated areas, isolating the external environment during the replacement of this third filtration stage.

In this way the service technician does not come into physical contact with the contaminated filter or with areas of high potential risk of contamination.

USES

- ✓ Manipulation of microorganisms, bacteria, fungi, viruses and parasites risk categories 1, 2 and 3
- ✓ Isolation and sample culture
- ✓ Quantification methods
- ✓ Microscopy techniques and sample preparation
- ✓ Identification and classification of microorganisms
- ✓ Genetic Manipulation
- ✓ Cytostatic Manipulation

GENERAL FEATURES

Tested and certified in the standards EN-12469, DIN 12980 por EN 12298 y EN 12296.
 HEPA filters (High Efficiency Particulate Air) class H14 of 99.995% efficiency for particles of 0.3 microns (particles of maximum penetration).
 Tested and certified in the standards EN 1822-1 and EN 13091:1999
 Change of the tertiary filter through “bag-in-bag-out” technology. Avoid the physical contact with the third filtration stage during its replacement
 Hermetic sliding front window controlled by control panel.

State of the art Microprocessor control system offering:

- ✓ Large screen monitor
- ✓ Automatic control of pre-set airflow volumes
- ✓ Sliding sash window with smart control
- ✓ Permanent monitoring of HEPA filters life span
- ✓ Highest air flow stability both in case of transitional disturbances or to progressive filter clogging
- ✓ Continuous monitoring of front barrier air flow for the highest operator safety
- ✓ Alarm with volumetric sensor for exhausted air flow monitoring

SERIAL EQUIPMENT

- ✓ Vacuum tap
- ✓ 2 electrical sockets
- ✓ Power failure alarm
- ✓ Automatic reset of initial conditions i case of powerfailure

OPTIONAL EQUIPMENT

- ✓ Portable UV light

TECHNICAL FEATURES

- ✓ Multilayer 6mm safety glass
- ✓ Comfortable 195 mm front opening
- ✓ Easy to install retrofit options through lateral sides
- ✓ Sloped back side of the working chamber for the best down flow distribution
- ✓ Easily installed exhaust duct (optional)
- ✓ Safety key to avoid unwanted operation
- ✓ Self calibration cycle performed when cabinet is switched on
- ✓ Interconnected UV and fluorescent lights
- ✓ Stainless steel worktop with 2B fi nish (including spillage tray)
- ✓ In case of power failure, the cabinet is reset to original working conditions

TECHNICAL FEATURES	CYTO-2	CYTO-3
Number of filters HEPA-H14	4	4
Number of IP44 fans	1	1
Average volume of treated air	±450 m ³ /h	±680 m ³ /h
Average face velocity	0.50 m/s	0.50 m/s
Total electrical power consumption	400 W	750 W
Voltage-Frequency	2x30W / >1200lux	2x30W / >1200lux
Light intensity	<55 dB	≤57 dB
Noise level	220/240V - 50Hz	
Packaging:	Vol.	3,47 m ³
Palletized cardboard box	Peso	340 Kg
		450 Kg

	External			Internal		
	Width	Depth	Height	Width	Depth	Height
CYTO-2	1380	840	2220	1230	840	700
CYTO-3	1990	840	2220	1840	840	700

2 year warranty

Because we are convinced of the quality of our products.



*More information www.cruma.es



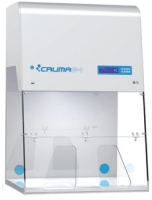
cruma.es export@cruma.es

Do you need help or technical assistance?

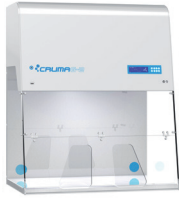
Contact your distributor or call us if you have any questions or need technical support, spare parts, maintenance service...

+34 93 370 61 62

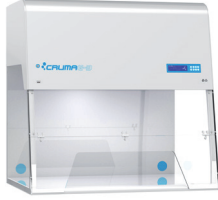
CRUMA
PLUG&PLAY RANGE



G-1



G-2



G-3



G-4



G-5

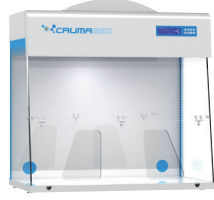
CRUMA
CLASSIC RANGE



E70



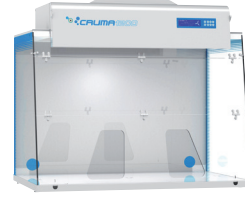
B70



990



1010



1200



ECO



CRUMA
VENTED STORAGE
CUPBOARDS

2010

CRUMA
POWDER CABINETS

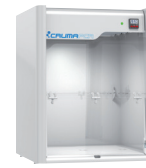


P-1



P-2

CRUMA
PCR CABINET



PCR

CRUMA
CO₂ INCUBATOR



INCUBATOR

CRUMA
LAMINAR FLOW CABINETS



E70FL



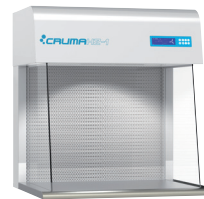
B70FL



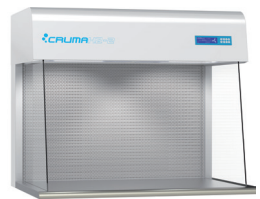
FL1



FL2



H2-1

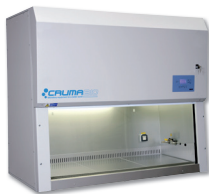


H2-2

CRUMA
BIOSAFETY CABINETS



BIO-1



BIO-2



VIRUSFREE



CYTO-2&3

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