

CRUMAECO²

ECO² is the new fumehood that Cruma has developed on demand of our clients. Our R&D department has created this new model following two main premises: **Economy** and **Ecology**. Therefore its name. ECO², meeting the needs of a market in evolution and constantly demanding new products, respects both the environment and the lab user with the same performance, functionality and quality of all Cruma products.

As a matter of fact, ECO² has passed the same quality and security tests of all other Cruma hoods, satisfying the requirements of all clients.

PROTECTION OF AND RESPECT FOR THE ENVIRONMENT –The toxic chemical products are not released outside but retained within the filter.

COST SAVINGS AND FAST SET UP –No building work is needed to install ducts to channel the gas outside, which means fewer problems for a laboratory working at full capacity.

FLEXIBLE –It can be used in areas where it is difficult to remove/extract contaminated air, such as from the lower levels in buildings that have a number of floors.

ENERGY SAVINGS –The air that is sucked in is not expelled but recirculated back into the lab after the contaminating substances have been removed. This means that it is not necessary to increase the use of the air-conditioning or heating systems to compensate for the air removed.

CERTIFIED –Manufactured in Spain and certified by an external laboratory according to international standards and applying the criteria of ISO 9001.



USES

General chemistry involving small volumes of reagents or chemical compounds at ambient/moderate temperature in all types of laboratories:

- ✓ Research laboratories
- ✓ Quality control laboratories
- ✓ Clinical and hospital laboratories
- ✓ University and school laboratories

...In general, in any kind of laboratory.

STANDARD EQUIPMENT INSTALLED

Mechanical anemometer	Mechanical probe for continuous control of air velocity in facade
Filter control	Detection system of the filter saturation
Illumination	Integrated LED lighting
Warranty	2 years

OPTIONAL EQUIPMENT

Base Pack ECO ²	Spill retention tray (2-10 liters) with white tempered glass or stainless steel 304 work surface
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MAIN STRUCTURE

Metal parts: base frame, rear wall and head	1.2 mm galvanized coated steel with anti acid polymer resin powder heat-hardened at 200 °C
Doors	Transparent polymethylmethacrylate 6 mm thick (light transmission of 93%)

TECHNICAL FEATURES

Number of filtration columns	1
Number of filters	1 a 2
Number of IP44 fans	1
Average volume of treated air	160 m ³ /h
Average face velocity	0,50 m/s
Internal volume of the cabinet	0,287 m ³
Renewals inside the cabinet / min	9,25
Total electrical power consumption	60 W
Voltage-Frequency	110-220 V - 50-60 Hz
LED light	1100 lux
Noise level	57 dB
Packaging: 100% recycled wooden box with international phytosanitary certificate	Volumen 0,42 m ³ Peso 65 Kg

SIZES (mm)

External			Internal		
Width	Depth	Height	Width	Depth	Height
798	600	1012	778	569	760

It is not a typographical error,
2 year warranty

Because we are convinced of the quality of our products.



*More information
www.cruma.es

Well done, well shipped.
Our responsible packaging

Wood box 100% recyclable with international phytosanitary certificate.

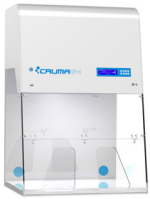


Do you need help or
technical assistance?

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

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CRUMA
PLUG&PLAY RANGE



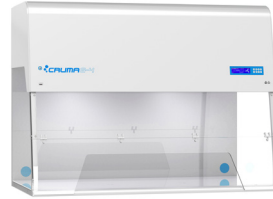
G-1



G-2



G-3



G-4



G-5

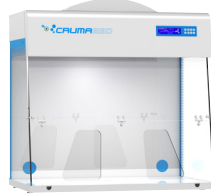
CRUMA
CLASSIC RANGE



670



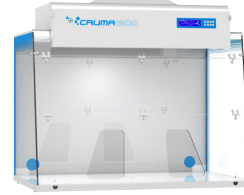
870



990



1010



1200



ECO

CRUMA
VENTED STORAGE
CUPBOARDS



2010

CRUMA
DUCTED FUME HOOD
FOR ACIDS



H+

CRUMA
POWDER CABINETS



P-1



P-2

CRUMA
PRECISION WEIGHING
CABINET



W-2

CRUMA
PCR CABINET



PCR

CRUMA
LAMINAR FLOW CABINETS



670FL



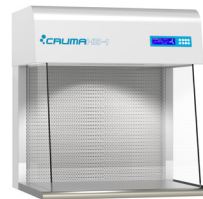
870FL



FL-1



FL-2



H2-1



H2-2

CRUMA
BIOSAFETY CABINETS



BIO-1



BIO-2



VIRUSFREE



CYTO-2&3

CRUMA
CO₂ INCUBATOR



INCUBATOR

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