

CRUMA PCR-V



The Cruma PCR-V cabinet has been specifically designed for gene amplification work using the PCR technique (Polymerase Chain Reaction).

The cabinet is equipped with three UV-C lamps, two of which are open at the upper part of the cabinet. These lamps allow disinfection of the work area by inactivating the DNA/RNA fragments and avoiding cross-contamination between samples, which can lead to false positives. It also has a timer to control the exposure time against direct UV irradiation.

As a novelty, it has a recirculator system that includes a third UV lamp, a fan and a dust filter in an enclosed structure, which allows the constant decontamination of the booth during operation and allows the user to be protected from UV exposure while working inside.

Its front panel is made of tempered glass, acting as a means of protecting the operator against UV radiation. In the event of accidental opening, the UV lamps are automatically disconnected for total protection of the operator.

CERTIFIED – Manufactured in Barcelona and certified by an external laboratory according to international standards, and applying ISO 9001:2015 Quality criteria.

PLUG&PLAY – It is delivered fully assembled, as it has been designed to ensure that practically no handling on receipt. Simply unpack it and place it in the desired location, install the UV lights, the glass doors and finally plug them into the mains to enjoy it, it's as simple as that.

USES

Enzymatic amplification of specific DNA or RNA sequences.

SERIAL EQUIPMENT

| | |
|---------------------------------|---|
| Air recirculation system | Bactericidal recirculator providing continuous decontamination by UV radiation during booth operation |
| Illumination | LED Tube high light intensity and low power consumption – 16 W / 1500 lm |
| Opening security system | Automatic disconnection of UV lamps in case of accidental opening door |
| UV Lamp (3) | UV-C germicidal lamp 15 W. Recirculating UV (1u) and open UV (2u). |
| Digital timer | Switchable multi-function timer with UV and illumination |
| Working surface | Work surface in white tempered glass |
| Interior shelf | White tempered glass shelves |
| Electric socket | Individual electrical socket |
| Warranty | 10 years |

OPTIONAL EQUIPMENT

| | |
|-----------------|--|
| Movilair | Wheeled stand with inner tray made of steel coated with anti-corrosion epoxy resin |
|-----------------|--|

MAIN STRUCTURE

| | |
|---|---|
| Metal parts: base frame, rear wall and head | In 1.2 mm galvanized Steel coated with anti-corrosion |
| Front and side panels | In 4 mm thick tempered glass |

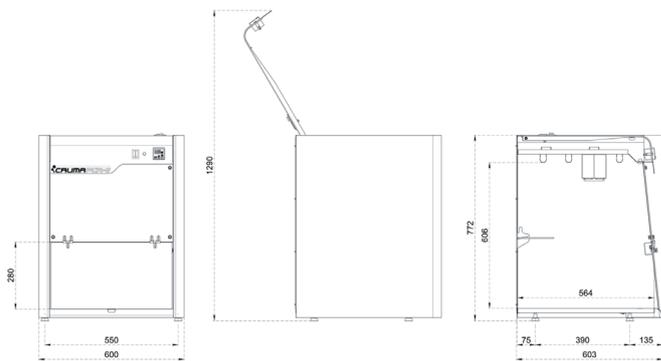
TECHNICAL FEATURES

| | | |
|---|----------------------|--------------------|
| Internal volume of the cabinet | 0,567 m ³ | |
| Front opening height | 280 mm | |
| Total electrical power consumption | 87 W | |
| Power supply ¹ | 220-240 V ~ 50-60Hz | |
| LED light level | 1500 lx | |
| UV germicidal lamp | 15 W | |
| Packaging: 100% recycled wooden box with international phytosanitary certificate | Volume | 0,4 m ³ |
| | Weight | 60 Kg |

¹ On request available for 110 V / 127 V.

SIZES (mm)

| External | | | Internal | | |
|----------|-------|--------|----------|-------|--------|
| Width | Depth | Height | Width | Depth | Height |
| 600 | 603 | 772 | 574 | 564 | 619 |



It is not a typographical error,
10 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...

+34 93 370 61 62

PLUG&PLAY RANGE



G-1



G-2



G-3



G-4



G-5

CLASSIC RANGE



E70



E70



S90



I010



I200



I200XL



ECO

VENTED STORAGE CUPBOARDS



2010



ECO

POWDER CABINETS



H+

POWDER WEIGHING CABINETS



P-1



P-2

PRECISION WEIGHING CABINET



W-2

LAMINAR FLOW CABINETS



E70FL



E70FL



FL-1



FL-2

PCR CABINETS



PCR



PCR-V



H2-1



H2-2



H2-3



H2-4

BIOSAFETY CABINETS



BIO+



SOFEB



CYTO-2&3

CO₂ INCUBATOR



INCUBATOR