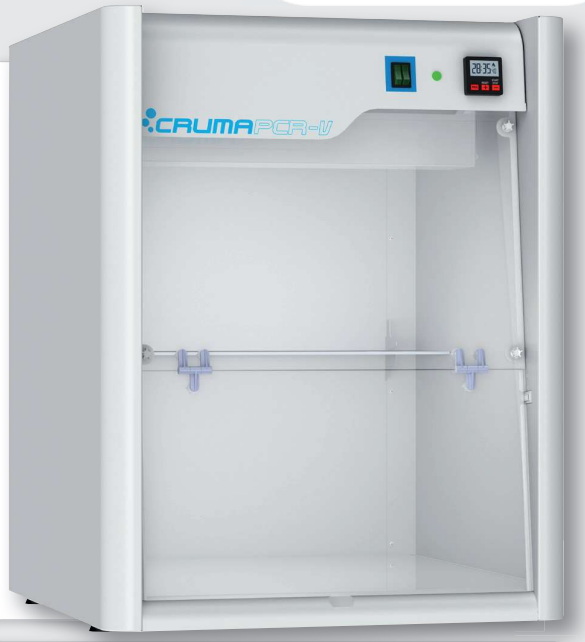
VENTILATED PCR CABINET (POLYMERASE CHAIN REACTION)

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 reciculator 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. Recirvulating 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

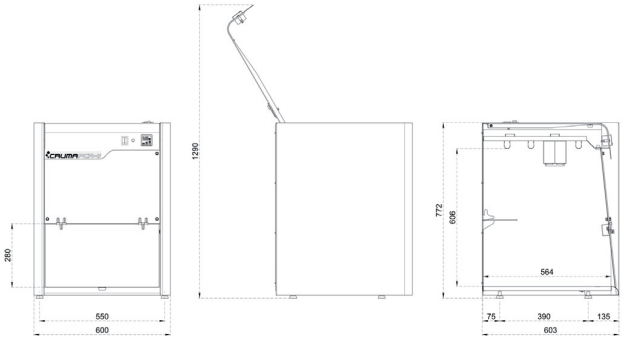
TECHNICAL FEATURES

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% recylced 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		
Widht	Depth	Height	Widht	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.

10 YEARS GUARANTEE / 10 ANOS GARANTIA

*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

CRUMA 50 years
Laboratory equipment made in Barcelona 1974-2024

CE ISO 9001:2015 our 7% engagement