LAMINAR FLOW CABINETS

CRUMA FL

FL-I

Description

Cruma breaks with the tradition of laminar flow cabinets mountable by offering the new **Cruma FL-I**, an innovative cabinet, one piece, with the following chacarteristics:

√ Digital control screen
√ Filter change warning
√ Programmable timer
√ Front panel with bigger working sizes
√ Commutable power socket

Moreover, new Cruma FL-I combines an exclusive and amazing exterior design with the best technology and interior development. All this in order to satisfy the operator in his everyday task and to protect him while preserving the environment.

In FL models the air flow goes through a HEPA H-14 filter (manufactured according to EN-1822 regulation) at a constant speed , crosses the cabinet in laminar state and in a vertical direction, generating a sterile area Class 100 (according to the American Federal Standard 209E and equivalent to the rule ISO Class 5) and protecting the sample from external contamination and cross contamination between samples.

Filtering system of one stage with a minimum efficiency of 99,999%for particles of 0,3 µm in the upper part and with extraction of 100% of the air flow to the exterior.

Uses

Laboratory food industries in general, transfer of drugs in the pharmacy department, hematology and clinical analysis, filled with antibiotics and injectable drugs (except cytostatic) microscopic analysis, tissue culture bags reconstitution of parenteral methods of assisted fertilization techniques, micropropagation, plant cell cultures, water quality control, manufacturing of electronic devices...

Standard equipment installed

√ Absolute HEPA filter (High Efficiency Particulate Air) class H14 of 99,999% efficiency for particles of 0,3 micras (test DOP)
√ Synthetic biofibre prefilter Class G4
√ Ilumination 900 lux
√ UV lamp
√ Electrical socket inside
√ Gas tap

Optional equipment

√ Stand with wheels
√ Vacuum and water taps

NEW FEATURES

More information on the new LCD

√ Date, time and countdown timer
√ Counter of working hours of the filter and the cabinet

Extra features

√ Initial cycle flow adequacy and final cycle purge
√ Airflow Control by microprocessor

New ads scheduled

√ Next review

Plug&Play

√ As easy as taking it out of the box and start working

Technical specifications

Model	FL-I
Average volume of air treated (m3/h)	473,76
Average face velocity (m/s)	0,40
Internal hood volume (m3)	0,236
Total electrical power consumption (W)	225
Voltage-frequency (V-Hz)	220-50
Illumination level (W-lux)	18-900
UV Germicide Lamp (W)	15
Noise level (dB)	52
Standard CE wiring and earth connection	YES

Size in mm.	
Inside (Width xDepth xHeight)	710x528x611
Outside (Width xDepth xHeight)	800x600x1137

Packaging	volume	gross weight	net weight
	0,64 m³	92 Kg	72 Kg

Up to 5 year warranty,
and it is not a typographical error

Because we are convinced of the quality of our products.

5 YEARS WARRANTY / AÑOS GARANTIA

*More information www.cruma.es

Well done, well shipped.
Our responsible packaging

Wood box 100% recyclable with international phytosanitary certificate.

CRUMA

Need
technical assistance?

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

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CE ℞ our engagement