

# CLIMATIC CHAMBER

## ICH/FDA COMPACT

New generation equipment, specially designed to represent the climatic stability tests in pharmaceutical industry.

### FEATURES:

Model	Temp °C	R.H. %	Workspace mm.			External dimensions			Liters
			Height	Width	Depth	Height	Width	Depth	
CM-0/500	+10 to +70	40-98	1487	582	547	1487	1282	547	500
CM-0/1000	+10 to +70	40-98	2075	700	819	2075	1400	819	1000

1\_Electrical power: 400V 3N-PE / 4,3 Kw /10,6 A

2\_Water Supply: demineralized. Consumption at maximum specified humidity, ½ l/h.

3\_Interior: all in stainless steel.

4\_Base with castors. (Optional).

5\_Acess port (25 mm) with removable insulating plug.

6\_Handles Integrated, with door locking

7\_Alarms: light and sound.

8\_Cpacitive probe for temperature and humidity.

9\_Temperature homogeneity with load: ±1°C.

10\_Humidity homogeneity with load: ±2%RH.



### ADVANTAGES:

- \_Maximized utility volume
- \_Full accessibility to samples
- \_Ease of loading and unloading
- \_Easy control of temperature and humidity.
- \_Optional temperature&humidity register: digital, RS232, paper, etc
- \_Versatility for any ICH/FDA conditions
- \_Removable reinforced shelves.



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## ICH/FDA MODULAR CONSTRUCTION



### ADVANTAGES:

\_The solution of large storage lots of pharmaceutical products in climate controlled conditions.

\_We offer “turn-key” solutions, for the maximum convenience

\_Good relation: m3/price.

\_Customized dimensions, according to customer need

\_Manufacturing of the chambers from 700 liters of useful volume.

\_Interior: lacquer sheet, stainless steel (AISI 304 or AISI 316L)

- 1\_Climatic representation of all “ICH/FDA Guidelines”
- 2\_Airflow: Forced, laminar or by conduits.
- 3\_Different security levels.
- 4\_Different types of shelves for adequate load distribution.



5\_Temperature and humidity monitoring by video-recorders systems, chart recorder, etc.

6\_Validation of the entire system: validation plan, design specifications (DQ), installation qualification (IQ), operational qualification (OQ), process qualification (PQ) .

7\_ Establishment of maintenance contracts.

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