

PHOTOSTABILITY CHAMBER

424-CF



Compact and functional chamber in conformity with ANVISA rules GUIDE ICH Q1B (option 2, UV radiation and fluorescent daylight lamp).

Product description

- Single chamber
- Test experience and measurement at the same exposition time
- When test is over the lamps go out and the equipment maintains temperature until the user arrives
- No complex controllers such as luxmeters and radiometers that need constant calibration
- The luminosity efficiency values can be confirmed by chemical test (quinine chemical actinometric system), validated test by United States Pharmacopeia (USP, pharmacopeia forum 24m(3) : 6334, 1998) which determines limit test time (VIS + UVA). This chemical method can be easily done in all samples expositions.

Technical Characteristics

- Mirrors on the inside for better luminosity distribution and uniformity
- Air circulation to guarantee constant temperature on the sample exposition area
- Automated locking system to prevent door opening during test time
- Hourmeter for lamp change control - indicates when lamps are improper for use
- Economical lamp use, easy access and no filters needed
- Ecological refrigeration system, no CFC
- Thermal isolation with low temperature dissipation and magnetic door sealing
- Temperature control and reading through sensor PT100 with 0,1° resolution
- Software with digital programmable timer that allows a test experiment of 99:59 recurring hours
- Microprocessor-controlled temperature with digital led 4 digits display and 0, 1°C resolution.
- Visual alarm system settable for highest and lowest temperature and for temperature range.

Technical Specifications

Temperature range	15°C to 60°C
Temperature control	PID
Sample exposition area	1400 cm ²
Integrated illumination	> 1,2 m lux.h
UV	> 200w.h/m ²
Temperature control resolution	± 0,1°C
Digital Indication	LCD
Temperature sensor	PT 100
Retransmission output	4 to 20 mA
Refrigeration system	Hermetic compressor
Refrigerating gas	R134a
Heating system	Stainless steel tubular resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

INCLUDED ACCESSORIES AND COMPONENTS



- Side calibration door, 37 mm diameter
- Operational manual
- RBC Calibration Certificate, for temperature controller
- Connection for Data Logger (4 to 20mA)

OPTIONAL



- IQ, OQ e QD protocols

Photostability Chamber 424-CF Information

MODEL	INTERIOR			EXTERIOR		
	WIDTH mm	DEPTH mm	HEIGHT mm	WIDTH mm	DEPTH mm	HEIGHT mm
424-CF	620	250	110	740	585	970

MODEL	WEIGHT Kg	ELECTRICAL SPECS W
424-CF	51	600