

ORBITAL SHAKER INCUBATOR

430-D / 430-RD



► Product description

- Developed for tests that need constant orbital shaking on a controlled temperature ambience
- Temperature control precision
- Ground equipment
- High durability and easy cleaning.

Technical Characteristics

- Digital microprocessor temperature controller (PID); 0,1°C resolution; solid state relay and Pt 100 sensor
- 03 digits microprocessor digital controller rotation controller, allowing precise control of rotation (RPM) with known and adjustable time lapses on min/sec (mm:ss) with 4 different programs of 12 segments (ramps and levels)
- Forced air circulation to assure temperature uniformity
- Door equipped with glass window
- Built internally with AISI 430 stainless steel; externally: corrosion resistant treatment and epoxy powder treatment
- 5mm aluminum platform to accommodate all kinds of tubes, flasks, etc
- Leveling support.

Modelo 430-RD

- Sealed compressor, CFC free (ecological R134A gas) refrigeration system.

Technical Specifications

Temperature range Mod. 430-D	Amb. +15°C to 60°C
Temperature range Mod. 430-RD	15°C to 60°C
Temperature control	PID
Temperature control resolution	± 0,1°C
Display Resolution	LED
RPM	20 to 220 RPM
Temperature sensor	PT 100
Output	4 to 20ma
Heating system	Electrical resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

FASTENERS OPTIONS



- 40 (forty) AISI 304 stainless steel fasteners for 125ml Erlenmeyer's
- 12 (twelve) AISI 304 stainless steel fasteners for 500ml Erlenmeyer's
- 06 (six) AISI 304 stainless steel fasteners for 1000ml Erlenmeyer's

OPTIONAL



- IQ,OQ and PQ protocols

INCLUDED ACCESSORIES AND COMPONENTS



- 40 (forty) AISI 304 fasteners for 250ml Erlenmeyers
- Operation manual
- Temperature controller RBC calibration certificate
- Data Logger (4 to 20ma) connection.

Orbital shaker incubator 430-D / 430-RD information

MODEL	INTERIOR			EXTERIOR		
	WIDTH mm	DEPTH mm	HEIGHT mm	WIDTH mm	DEPTH mm	HEIGHT mm
430D e 430RD	930	600	350	1150	820	830

MODEL	EXTERIOR (OPENED DOOR)		
	WIDTH mm	DEPTH mm	
430D e 430RD	800	450	

MODEL	WEIGHT Kg	ELETICAL SPECS W
430-D	125	850
430-RD	155	900