

BENCHTOP REFRIGERATED ORBITAL SHAKER INCUBATOR

430-RDBP



Product description

- Developed for tests that need constant orbital shaking and controlled temperature
- Benchtop equipment, with electronic and compacted electronic refrigeration system
- Low power consumption
- Silent operation.

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
- Refrigerating and Heating system through compacted electronic device which generates heat and cold using no refrigerating gas or mechanical components
- Translucent acrylic door with upper opening and injected handle
- Built internally with AISI 430 stainless steel; externally: carbonated steel, corrosion resistant treatment and epoxy powder treatment
- Leveling support.

Technical Specifications

Temperature range	20°C to 50°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



- 12 (twelve) AISI 304 stainless steel fasteners for 125ml Erlenmeyers
- 09 (nine) AISI 304 stainless steel fasteners for 500ml Erlenmeyers
- 04 (four) AISI 304 stainless steel fasteners for 1000ml Erlenmeyers

OPTIONAL



- IQ, OQ and PQ protocols

INCLUDED ACCESSORIES AND COMPONENTS



- 12 (twelve) AISI 304 stainless steel fasteners for 250ml Erlenmeyers
- Operation manual
- Data Logger(4 to 20ma) connection

Benchtop refrigerated orbital shaker incubator 430-RDBP information

MODEL	INTERIOR			EXTERIOR (CLOSED DOOR)		
	WIDTH mm	DEPTH mm	HEIGHT mm	WIDTH mm	DEPTH mm	HEIGHT mm
430-RDBP	400	400	300	530	760	600

EXTERIOR (OPENED DOOR)		
WIDTH mm	DEPTH mm	HEIGHT mm
530	800	1200

MODEL	WEIGHT Kg	ELETRICAL SPECS W
430-RDBP	70	800