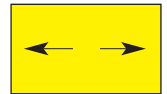




Precise reciprocal shaking baths controlled by microprocessor “Unitronic Reciprocating Shaking Bath” and with refrigeration “Unitronic Reciprocating Shaking Bath C”



UNITRONIC RECIPROCATING SHAKING BATH LINEAR: TEMPERATURE RANGE FROM AMBIENT +5 °C TO 99.9 °C.
UNITRONIC RECIPROCATING SHAKING BATH C LINEAR: TEMPERATURE RANGE FROM 0 °C TO 99.9 °C.
STABILITY ±0.05 °C HOMOGENEITY ±0.1 °C, SET TEMP. ERROR ±1 °C, RESOLUTION 0.1 °C.

SAFETY:

DIN 12877 STANDARD. THE UNIT WILL CUT OUT IF THERE IS INSUFFICIENT LIQUID OR IF THE BATH TEMPERATURE EXCEEDS THE SET TEMPERATURE. A MANUAL RESET ADJUSTABLE TEMPERATURE SAFETY THERMOSTAT IS PLACED AT THE BACK OF THE UNIT.

Reciprocal linear agitation, controllable from 10 to 100 oscillations per minute

Controllable time from 1 minute to 99 hours 59 minutes

MICROPROCESSOR CONTROL WITH DIGITAL DISPLAY AND PUSH BUTTON TEMPERATURE, SPEED AND TIME SELECTION. RS-232 INTERFACE FOR PRINTER OR COMPUTER OUTPUT.



APPLICATIONS

Cell culture and biological samples, yeasts and general applications that require stable and reproducible temperatures.

COMMON FEATURES

Linear motion sliding tray from 10 to 100 oscillations per minute, with a variable stroke length of 32 or 46 mm.

Digital display and selection of temperature, oscillations and time.

Temperature sensor: thermo-resistant Pt100.

Rack frame support made of AISI 304 stainless steel incorporated in the tank that can accommodate a selection of flasks and racks.

Internal tank made of AISI 304 stainless steel with an external case of AISI 304 stainless steel.

Built in drain tap.

Ventilated hermetically sealed compressor for refrigeration in the “Unitronic - C”.

CONTROL PANEL

1. Mains power switch.
2. LCD screen that shows:
 - Temperature, oscillations per minute and time.
 - Alarms: set temperature and probe failure.
 - Configuration: °C or °F, temperature calibration and set working temperature limits.
3. Push button Start/ Stop.
4. Push button to decrease value.
5. Push button to increase value.
6. Push button for parameter selection: temperature, strokes per min. and time.
7. Push button for configuration.



“Unitronic Reciprocating Shaking Bath”



“Unitronic Reciprocating Shaking Bath C” Refrigerated Bath



MODELS

	Part No.	Capacity litres	Height / Width /Depth (bath) cm	Height / Width /Depth (support carriage) cm	Height / Width /Depth (exterior) cm	Power W	Weight Kg
UNITRONIC RECIPROCATING	6032011	27	18 48 29	17 35 24	30 74 40.5	1500	25
UNITRONIC RECIPROCATING-C	6001173	27	18 48 29	17 35 24	30 74 63.5	1750	43