

REFRIGERATED BACTERIAL INCUBATOR

410-TDR



Product description

- Designed for culture and bacteriology
- Externally: corrosion resistant treatment and epoxy powder coating
- Internally: stainless steel
- High durability and easy cleaning
- Easy to use.

Technical Characteristics

- Ecological refrigeration system, CFC free
- Temperature control and reading through PT100 sensor with 0,1°C resolution
- High thermal insulation, low temperature dissipation. Door built with magnetic gasket
- Inner glass door allows observation inside the chamber without keeping ambience protection
- Forced convection allows rapid temperature response rates and improves uniformity
- Size flexibility from 19 to 630 liters (check Technical Specifications Chart).

ethik EXCLUSIVE SOFTWARE



Better user interaction software, for easy and clear operation.



Easy and simple control programming of temperature on a colorful and graphic interface on a 3" screen.



Saves up to 10 different programs for ramp/soak (60 segments each) with the possibility of naming each program.



Exclusive security system which allows access control (LOGIN) for every user.



Programmable software for visual alarm activation in case of higher or lower temperature than set point, and temperature differential.

INCLUDED ACCESSORIES AND COMPONENTS



- 1 (one) wired tray for workbench models / 1 (one) perforated stainless steel tray for ground models
- Operation manual
- RBC Calibration Certificate, for temperature controller
- Connection for Data Logger (4 to 20mA)
- Inner glass door
- Exhaustion damper (check information chart)

OPTIONAL



- IQ, OQ and PQ protocols
- Software for RDC 1.7 and GAMP5 requirements
- Communication RS485

Technical Specifications

Temperature range	+15°C to 60°C
Temperature control	PID
Resolution	± 0,1°C
Display Resolution	Colored 4 digit TouchScreen
Temperature sensor	PT 100
Inner capacity	19 to 630 L
Heating system	Electrical resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

REFRIGERATED BACTERIAL INCUBATOR 410 – TDR Information

SIZE	INTERIOR				EXTERIOR			
	WIDTH mm	DEPTH mm	HEIGHT mm	INTERN VOLUME L	WIDTH mm	DEPTH mm	HEIGHT mm	EXTERN VOLUME L
1	300	250	250	19	630	460	710	206
2	350	300	400	42	680	510	860	298
3	450	400	450	81	780	610	910	433
4	500	400	500	100	830	610	960	486
5	600	500	500	150	930	710	960	634
6	600	550	700	231	930	760	1160	820
7	800	600	700	336	1140	830	1570	1486
8	900	650	800	468	1230	880	1670	1808
9	1000	700	900	630	1340	930	1770	2206

SIZE	WEIGHT Kg	ELETRICAL SPECS W	EXHAUSTION DAMPER	TRAY AMOUNT SUPPORT	MAXIMUM WEIGHT PER TRAY Kg	DOOR AMOUNT
1	22	500	REGULATOR WITH NO CONNECTION	3	20	1
2	34	500	REGULATOR WITH NO CONNECTION	3	20	1
3	36	880	REGULATOR WITH NO CONNECTION	4	20	1
4	42	880	REGULATOR WITH NO CONNECTION	5	20	1
5	54	880	REGULATOR WITH NO CONNECTION	5	20	1
6	64	880	REGULATOR WITH NO CONNECTION	6	40	1
7	126	1500	REGULATOR WITH CONECTION TUBE Ø100mm	6	40	2
8	165	1500	REGULATOR WITH CONECTION TUBE Ø100mm	7	40	2
9	192	1500	REGULATOR WITH CONECTION TUBE Ø100mm	8	40	2