

ECO series thermoreactors

ECO 25

The ECO 25 thermoreactor allow tests to be run to determine parameters such as COD and nitrogenous and phosphorated compounds. Total safety and reliability conditions are ensured by the test tube cover, protection on the heating block and safety thermostat.

Five different working temperatures (70, 100, 120, 150 and 160°C) and working time in minutes (30, 60, 120 and continuous) can be set with an acoustic signal and automatic switching off at the end of cycle.

The aluminum heating block offers optimum thermal homogeneity at all selected temperatures.

Heating block temperature is controlled by a PID logic microprocessor.



Technical data:

GENERAL FEATURES

Construction material:	Epoxy painted metal structure
Holes number and diameter:	25 with ext. Ø 16 mm
End of cycle:	acoustic signal with automatic switch-off
Power:	400 W
Power supply:	115 V and 230 V / 50-60 Hz
Weight:	3,6 kg (7.9 lb)
Dimensions (WxHxD):	155x95x275 mm (6.1x3.7x10.8 in)

PERFORMANCES

Selectable working temperatures:	70, 100, 120, 150 and 160°C
Selectable working time:	30, 60, 120 min or continuous
Automatic adjustment of the voltage:	230 V o 115 V

HEATING BLOCK TECHNICAL DATA

Temperature stability:	± 0,3°C
Temperature homogeneity:	± 0,3°C
Temperature precision:	± 0,3°C
Overtemperature safety	

SIGNALS

Reaching of set temperature:	acoustic and visual signal
Count-down:	visual signal
End of cycle:	acoustic and visual signal

Probe interruption:	acoustic and visual signal
Broken probe:	acoustic and visual signal
Exceed temperature range:	acoustic and visual signal

Optional Accessories



Set of 20 glass test tubes with internal \varnothing 14 mm and external \varnothing 16 mm



Holder for 12 round glass cells



Test tube extractor

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