

ECO series thermoreactors

ECO 8

The ECO 8 thermoreactor allow tests to be run to determine parameters such as COD an nitrogenous and phosphorated compounds. Total safety and reliability conditions are ensured by the test tube cover, protection on the heating block and safety thermostat 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:

Dimension crated (WxHxD): 400x280x270 mm

GENERAL FEATURES

Construction material:	Epoxy painted metal structure
Holes number and diameter:	6 holes Ø 42 mm
Set temperature:	display visualization
Countdown:	display visualization
End of the cycle:	acoustic signal whit automatic switch-off
Power:	700 W
Power supply:	115 V or 230 V / 50-60 Hz
Weight:	5,6 Kg (12.3 lb)
Dimension uncrated (WxHxD):	198x132x319mm (7.8x5.2x12.6 in)

PERFORMANCES

Selectable working temperatures:	from room temperature to 200°C, resolution 1°C
Selectable working times:	from 0 to 199 minutes or continuons operation

HEATING BLOCK TECHNICAL DATA

Temperature stability:	± 0,5°C
Temperature homogeneity:	± 0,5°C
Temperature precision:	± 0,5°C
Overtemperature safety	

SIGNALS

Reaching of set temperature:	visual signal
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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

Operating Accessories



COD test tubes
Ø 42x200 mm,
200 ml with
cone NS 29/32,
3 pcs/box



*
Air refrigerator
with ground
cone



*
Antisplash bell



*
PTFE sheaths
for 29/32 cones



Stainless steel
handle for
moving 6 test
tubes Ø 42 mm
simultaneously

* For the correct functioning of ECO for COD analysis 6 pieces are necessary

Optional Accessories



Articorodal
reducer Ø 42
mm with 3
holes Ø16 mm



Articorodal
reducer Ø 42
mm with 1 hole
Ø22 mm

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