

## ECO series thermoreactors

### ECO 6

The ECO 6 thermoreactor is designed to simultaneously analyze the COD of 6 samples, 20 ml each and for wet digestions of samples to calculate metallic and non-metallic elements in organic and inorganic materials (metals, alloys, animal feeds, soils, sediments, tissues, etc.).

It is possible to program the reaction time from 1 to 199 minutes or continuous, and to carry out electronic temperature programming (from room temperature to 200 °C with high accuracy and repeatability. The analysis progress is constantly monitored by watching the digital display, which shows the temperature reached and the remaining reaction time. The instrument can be equipped with a 3-position reducer (upon request) that permits testing of up to 18 simultaneous analyses in test tubes.



The “Operating Accessories” indicated are necessary for the correct functioning of the instrument.

#### 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 continuous 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
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

## Distributor:

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