

## Thermoreactor mod. ECHO 6

### 6-position thermoreactor COD with settable temperature and operating time

COD Analysis Thermoreactor ECO 6 ensures a simple and easy programming of time and temperature, the parameters involved in the analysis.

- Electronic temperature control - Temperature regulation from ambient to 200 °C - Analysis time can be set from 1 to 999 minutes or continuous - Processes up to 6 x 200 ml test tubes, Ø 42 mm - COD analysis in only 30 minutes at 160 °C

3 YEARS WARRANTY

COD Analysis Thermoreactor ECO 6 ensures a **simple and easy programming** of time (from 1 to 999 minutes or continuous) and temperature (from ambient to 200 °C).





Through the **digital display**, it is possible to monitor the test at any time, with the **countdown** constantly shown.




The unit **automatically shuts down** when the analysis time expires, whilst **safety is of primary importance**, as demonstrated by the antispash bells that protect the user and other samples and the several acoustic and visual signals that report unpleasant situations.

ECO 6 COD Thermoreactor has been originally designed to support relatively big test tubes (Ø 42 mm) processing up to 6 x 200 ml, but thanks to smart reducer it can be used with 18 small tubes of 16 mm or 6 x 22 mm too. This makes ECO 6 really **versatile and flexible**, as it can digest samples according to different methods. The thermoreaction in small test tubes, **minimizes reagent consumption** and reduces the required space and equipment to one reactor block that works on several samples at the same time. ECO 6 is suitable for performing a **short time COD analysis**, in only **30 minutes** with a high thermoreaction temperature (**160 °C**).



#### ACCESSORIES

	A0001045 - antispash bell
	A0001041 - air condenser with ground cone
	A00001042 - ptfe sheath for 29/32 cones
	A00000145 - cod test tubes Ø 42x200 mm, 200 ml with cone ns 29/32, 3 pcs/box
	A00001046 - articrodal reducer Ø 42 mm with 1 hole Ø22 mm

	A00001044 - anticorrosion reducer ø 42 mm with 3 holes ø16 mm
	A00000362 - adapter for probe ø3mm for dk/dkl/eco
	A00001043 - stainless steel handle for moving 6 test tubes ø 42 mm simultaneously

## Technical data

CONSTRUCTION MATERIAL:	Epoxy painted metal structure
HOLES NUMBER AND DIAMETER:	6 positions (Ø 42 mm)
SET TEMPERATURE:	display visualization
COUNTDOWN:	display visualization
END OF THE CYCLE:	acoustic signal with automatic switch-off
POWER:	700 W
WEIGHT:	5.6 Kg (12.3 lb)
DIMENSIONS UNCRATED (WXHxD):	198x132x319mm (7.8x5.2x12.6 in)
DIMENSIONS CRATED (WXHxD):	400x280x270 mm
SELECTABLE WORKING TEMPERATURES:	from room temperature to 200 °C, resolution 1 °C
SELECTABLE WORKING TIMES:	from 0 to 999 minutes or continuous operation
TEMPERATURE STABILITY:	± 0.5 °C
TEMPERATURE HOMOGENEITY:	± 0.5 °C
TEMPERATURE PRECISION:	± 1 °C
REACHING OF SET TEMPERATURE:	visual signal
COUNTDOWN:	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

Code	Description
V1101120	Thermoreactor mod. ECHO 6 6-position thermoreactor COD with settable temperature and operating time