



CHEMICAL OXYGEN DEMAND (COD)

EFLAB EFCOD thermoreactors are suitable for COD analysis and for sample preparation in order to determine both metallic and nonmetallic elements in organic and inorganic materials such as minerals, alloys, animal feeds, soils, sediments and organic tissues.

A typical COD analysis will take 2 hours at 150 °C, however the EFLAB EFCOD Series can perform COD analysis in only 30 minutes thanks to the higher temperature of 160 °C. The aluminum heating block offers optimum thermal conditions and a high level of homogeneity at all temperatures.

The EFCOD is designed to process optionally 8-12 or 20 samples simultaneously (200 ml test tubes, Ø 42 mm). Electronic temperature control ensures temperature regulation from ambient to 200 °C and the analysis time can be set from 1 to 199 minutes or continuous. LED display shows the temperature and time remaining.

GENERAL FEATURES AND PERFORMANCE

	EF COD-8	EFCOD-12	EFCOD-20
NUMBER OF SAMPLE	8 (Ø 42 mm)	12 (Ø 42 mm)	20 (Ø 42 mm)
TEMPERATURE RANGE (°C)	From Ambient temperature +5 to 200		
ACCURACY (°C)	± 0.5		
RESOLUTION (°C)	1		
ANALYSIS TIME COUNTDOWN DISPLAY	YES (On the LED Display)		
OVER TEMPERATURE ALARM	acoustic and visual		
DIMENSIONS (WxHxD) mm	350x750x370	360x750x430	420x750x480
WEIGHT kg	12	15	20
POWER SUPPLY	230 V		
POWER	1000 W	1500 W	2000 W