

COD DIGESTION



ORDER NOW!!



Best in

- Precise Temperature Control
- Efficient Double-Wall Design
- Flexible Timer with Alarm
- High-Capacity Sample Processing
- User-Friendly Digital Interface



Product Overview

COD DIGESTION



Accurate COD (Chemical Oxygen Demand) analysis starts here. Engineered for wastewater and industrial water monitoring, this digester ensures reliable results with uniform heating up to 180°C and a smart timer, making it a trusted choice for Pollution Control Labs.

- Wastewater influent and effluent
- Industrial process water
- Other similar applications

Key Features

- Construction:
 - Outer cabinet made of mild steel with a durable coating.
 - Double-wall construction with insulation minimizes heat loss, enhancing system efficiency.
- Heating System:
 - Aluminum block heated to maintain temperatures up to 180°C.
 - Solid-state digital temperature controller ensures uniform heating across samples.
- Timer Functionality:
 - Selectable timer with options for 15, 30, 45, 60, 90, or 120 minutes, complete with an alarm to signal the end of the digestion period (refluxing).
- Sample Analysis:
 - Post-digestion analysis can be performed using either colorimetric or titrimetric methods.
- Capacity:
 - Aluminum block accommodates 15 COD tubes (dimensions: 40 mm diameter x 80 mm depth).
 - Each glass tube holds a sample volume of 20 ml.





COD DIGESTION

The DIGITAL COD DIGESTER is an essential instrument for rapid and accurate Chemical Oxygen Demand (COD) analysis. Specially designed for wastewater treatment plants, pollution control laboratories, and industrial process monitoring, this system ensures reliable performance for both influent and effluent testing.



Built with robust mild steel and insulated double-wall construction, the unit guarantees energy efficiency and durability. Its precisely heated aluminium block, combined with a digital temperature controller and programmable timer, ensures consistent and uniform digestion results across all samples.



Technical Specifications

FEATURES	SPECIFICATIONS
Temperature Range	Above ambient to 180°C or higher
Temperature Resolution	1°C
Display	Digital 12 mm Red LED
Control	Digital Electronic Temperature Controller
Heating Rate	750 Watts
Sensor	PT-100
Timer	Selectable up to 120 min with alarm
Hole Size	40 mm diameter x 80 mm depth
Glass Tube	Diameter: 38 mm; Quantity: 15 tubes
Overall Dimensions	500 mm W x 270 mm D x 210 mm H

