

# COD Reactor



VIDEO

## Features

### ► Compliance with regulations

CR25 COD reactor is used to digest closed reflux COD vial according to ST-COD method (ISO 15705:2002) and can meet USEPA 410.4. It is easier and safer than traditional open reflux titrimetric method.

### ► Special COD program

Press start button, the reactor heats up to set temperature and countdown automatically.

Stored program:

- (1) COD : 150°C, 120 min (Standard mode)
- (2) COD2 : 165°C, 20 min (Preheated mode)

### ► 2 additional user programs

Temperature setting range from 30 ~ 200°C and timer from 1 ~ 999 min. Built-in 2 additional heating program settings available for users to store and execute as needed.

### ► Auto shut off and audio alarm

CR25 can stop heating then shut off automatically with audio alarm when every program is completed.

### ► International certification

CE certification

### ► One-Year Warranty

## Applications

- Waste water test from factories
- Water quality test in lake, pond and river

## Ordering Information

### 179250-11/22

CR 25, COD Reactor  
AC110V, 60Hz (AC220V, 50Hz)

### 179250-43

Protective Lid

### 197010-36

Multi-Function Test Tube Rack -  
White Base

### 197010-36-1

Multi-Function Test Tube Rack -  
Blue Base

## CR 25



### 179250-43 Protective lid (optional)

Protect users from splattering reagents in case vials are broken during digestion.



### Multi-Function Test Tube Rack (optional)

\*Rack Only, Glass Tubes NOT Included

## Specification

Model	CR25
Display	OLED
Temperature range	Fixed program <ul style="list-style-type: none"> <li>• 150° C / 120 min (COD program)</li> <li>• 165° C / 20 min (COD2 program)</li> <li>• 150° C / 30 min (TP program)</li> <li>• 105° C / 30 min (TN program)</li> <li>• 120° C / 30 min (TPN program)</li> <li>• 105° C / 120 min (TOC program)</li> <li>• 30° C~200° C adjustable</li> </ul>
Accuracy	±2° C
Stability	±1° C
Environmental temperature	5 ~ 40° C (Relative humidity: 10 ~ 90%)
Timer	<ul style="list-style-type: none"> <li>• 30 / 60 / 120 min (via fixed program)</li> <li>• 1 ~ 999 min and continuous mode</li> </ul>
Case material	Stainless steel
Number of vials	25 holes for φ16 mm vials
Power	350W (AC110V / AC220V)
Safety	<ul style="list-style-type: none"> <li>• Anti-heat PTFE plate on the surface of heating block</li> <li>• Auto shut off when block temperature is over 220° C</li> </ul>
Dimension (LxWxH)	30.5 x 19 x 11.5 cm