

# Chemical Oxygen Demand COD Test System



## COD TEST SYSTEM

### Introduction

Rocker COD test system is designed to perform COD analysis in accordance with ST-COD method (ISO 15705) and USEPA 410.4 method. The CR 25 COD reactor comes with two standard COD heating programs and functions of auto heating and shutdown with alarm. The CD200 COD detector has built-in multiple COD standard curves compatible with major brands of COD reagents in a wide range of 0 ~ 15000 mg/l. The easy-to-use Rocker COD test system can simplify the whole procedure of waste water test in factories or laboratories.

### Applications

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

### Benefits:

- Built-in COD heating program:
  - (1) COD: 150°C, 120 min (Standard mode)
  - (2) COD2: 165°C, 20 min (Preheated mode)
- Suitable for HACH, Lovibond and CHEMetric COD reagents
- Applied to 3 ranges of 150, 1500 and 15000 mg/l
- Up to 100 data can be stored in Built-in memory automatically



1. Pipet 2.00 ml sample into a COD vial



2. Heat the vial for 2 hours at 150°C



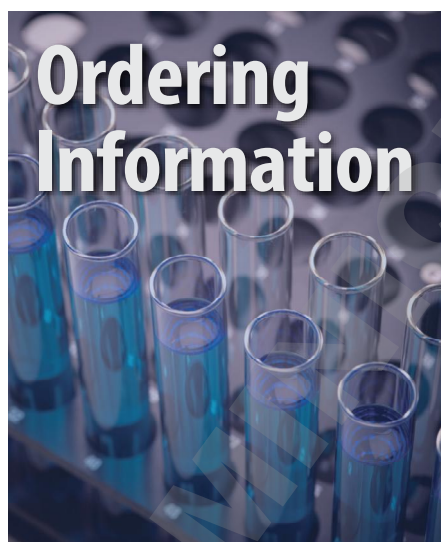
3. Detect the reagent vial to get COD value

## Specification

Model	CR 25 - COD Reactor	Model	CD 200 - COD Detector
Display	OLED	Brands of reagents	HACH, Lovibond, Chemetrics and 6 user-customized reagent curves
Temperature range	Fixed 150°C / 120 mins (COD program), 165°C / 20 mins (COD2 program), 105°C / 120 mins (TOC program) and 30°C~200°C adjustable.	Measuring range	10 - 150 mg/l , 100 - 1500 mg/l , 1000 - 15000 mg/l
Temperature Accuracy	±2°C	Display	LCD with backlight
Temperature Stability	±1°C	Light source	LED
Timer	30/60/120 min (via fixed program), 1 – 999 min and infinity	Working Wavelength	420 nm , 610 nm
Housing structure	Stainless steel	Wavelength Selection	automatic
Number of vials	25 holes for φ16mm vials	Detecting time	3s
Power	AC110V, 60Hz (AC220V, 50Hz), 350Watt	Optical stability	≤ 0.005 Abs / 30min
Safety	Anti-heat PTFE plate on the surface of heating block Auto shutoff when block temperature is over 220 deg. C	Storage	100 measured data
Dimensions (LxWxH)	30.5 x 19 x 11.5 cm	Data information	Concentration, sample number, time
		Power Supply	DC 9V battery or power adapter
		Dimension (LxWxH)	23.0 x 12.5 x 8.5 cm

## Optional Accessories

- HACH, COD reagent 150ppm
- CHEMetrics, COD reagent 150ppm
- HACH, COD reagent 1500ppm
- CHEMetrics, COD reagent 1500ppm
- HACH, COD reagent 15000ppm



<b>179250-11</b>	CR 25, COD reactor with 25 x Φ16mm block, AC110V, 60Hz
<b>179250-22</b>	CR 25, COD reactor with 25 x Φ16mm block, AC220V, 50Hz
<b>179250-43</b>	Protective Lid for COD reactor
<b>198200-01</b>	CD200, COD Detector with US plug adaptor (100-240V)
<b>198200-02</b>	CD200, COD Detector with EU plug adaptor (100-240V)
<b>AWE-770110</b>	Pipette (1000-5000μl)
<b>HAC-2125825</b>	HACH COD reagent vial 150ppm (25/PK)
<b>HAC-2125925</b>	HACH COD reagent vial 1500ppm (25/PK)
<b>HAC-2415925</b>	HACH COD reagent vial 15000ppm (25/PK)
<b>CHE-7350S</b>	CHEMetrics COD reagent vial 150ppm (25/PK)
<b>CHE-7360S</b>	CHEMetrics COD reagent vial 1500ppm (25/PK)

**ROCKER**

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