

# COD Reactor

## 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 safety 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



CR 25



### Protective lid (optional)

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

## Specification

Model	CR 25
Display	OLED
Timer	30/60/120 min (via fixed program), 1 – 999 min and infinity
Accuracy	±2°C
Stability	±1°C
Temperature range	Fixed 150°C (COD program), 165°C (COD2 program), and 30°C–200°C adjustable.
Housing structure	Stainless steel
Number of vials	25 holes for φ16mm vials
Power	AC110V, 60Hz (AC220V, 50Hz), 350Watt
Safety	Anti-heat PTFE plate on the surface of heating block Auto shut off when block temperature is over 220 deg. C
Dimensions (LxWxH)	30.5 x 19 x 11.5 cm

# COD Detector

## Features

### Ideal for major brands of reagents

CD 200 detector is equipped with multi-curve in single one unit offering not only built-in standard curve for Hach, Lovibond, Chemetrics reagents but also a simple method to set up standard curves for other brands of reagents.

### Wide measure range

CD 200 can measure COD value within 3 ranges of 10-150, 100-1500 and 1000-15000 mg/l.

### Fast detection

CD 200 can detect and save COD value in 3 seconds.

### Data storage up to 100 records

The built-in memory can store up to 100 records for convenient access.

## Applications

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

## Ordering Information

### 198200-01

CD200, COD Detector with US plug adaptor (100-240V)

### 198200-02

CD200, COD Detector with EU plug adaptor (100-240V)



CD 200

## Specification

Model	CD 200
Brands of reagents	HACH, Lovibond, Chemetrics and 6 user-defined reagent curves
Measure range	10 - 150 mg/l, 100 - 1500 mg/l, 1000 - 15000 mg/l
Display	LCD with backlight
Light source	LED
Working Wavelength	420 nm, 610 nm
Wavelength choosing	automatic
Detecting time	3s
Optical stability	≤ 0.005 Abs / 30min
Storage	100
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