

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