

Multiparameter Colorimeter

Features

❖ 4 parameters in one instrument

Built-in 4 standard curves including COD, Total Phosphorus, Total Nitrogen and Ammonia Nitrogen in one portable instrument.

❖ Ideal for multiple users

Up to 11 curves can be set up and saved in WD 100 so that it can be used by multiple users for different measurement.

❖ High-efficiency measurement

Detect and save testing records in 3 seconds without preheating. Up to 100 data can be stored automatically.

❖ User-friendly setting

The favorite setting helps access the commonly used curves quickly.

❖ International certification

CE certification

❖ One-Year Warranty

Applications

- ❖ Wastewater analysis from factories
- ❖ Water monitoring, such as surface water and groundwater
- ❖ Environment monitoring in lake, pond and river

Ordering Information

191100-01(02)

WD 100, Multiparameter Colorimeter with AC100-240V adaptor, US plug (EU plug)



Specification

Model	WD 100
Brand of reagent	HACH
Standard program	COD, NH ₃ -N, TP, TN
Display	LCD with backlight
Light source	LED
Working wavelength	420 nm, 610 nm
Wavelength choosing	Automatic
Detecting time	3 sec
Optical stability	≤ 0.005 Abs / 30 min
Storage	100 records
Data information	Item, wavelength, concentration, sample number, time
Power supply	DC 9V batter or power adaptor
Dimension (LxWxH)	23 x 12.5 x 8.5 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.

❖ International certification

CE certification

❖ One-Year Warranty

Applications

- ❖ Wastewater analysis from factories
- ❖ Water monitoring, such as surface water and groundwater
- ❖ Environment monitoring in lake, pond and river

Ordering Information

198200-01 (02)

CD200, COD detector, AC100~240V adaptor, US plug (EU plug)

HAC-2125825 HACH COD reagent vial 150 mg/L (25/PK)

HAC-2125815 HACH COD reagent vial 150 mg/L (150/PK)

HAC-2125925 HACH COD reagent vial 1500 mg/L (25/PK)

HAC-2125915 HACH COD reagent vial 1500 mg/L (150/PK)

HAC-2415925 HACH COD reagent vial 15000 mg/L (25/PK)

AWE770110 Pipette (1000-5000 ul)

SSI 5000-50 5 ml Pipette tip (50/PK)



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	3 sec
Optical stability	≤ 0.005 Abs / 30 min
Storage	100 records
Data information	Concentration, sample number, time
Power supply	DC 9V battery or power adapter
Dimension (LxWxH)	23 x 12.5 x 8.5 cm

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°C – 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



CR 25



Protective lid (optional)

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

Specification

Model	CR 25
Display	OLED
Temperature range	Fixed 150°C / 120 min (COD program), 165°C / 20 min (COD2 program), 150°C / 30 min (TP program), 105°C / 30 min (TN program), 120°C / 30 min (TPN program), 105°C / 120 min (TOC program) and 30°C~200°C adjustable.
Accuracy	±2°C
Stability	±1°C
Timer	30 / 60 / 120 min (via fixed program), 1 – 999 min and continuous mode
Housing structure	Stainless steel
Number of vials	25 holes for φ16 mm vials
Power	AC110V, 60 Hz (AC220V, 50 Hz), 350 Watt
Safety	Anti-heat PTFE plate on the surface of heating block Auto shutoff when block temperature is over 220 deg. C
Dimensions (LxWxH)	30.5 x 19 x 11.5 cm