

COD ANALYZER

COD Digester
Bench-Top COD Analyzer
COD Constant Temperature Heater



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COD Reactor

CODR-100

Features

-  Transparent plastic protection shield is equipped to protect the operator.
-  21 samples at a time.
-  Settable heating temperature between 100 ~ 165 ℃ .
-  Settable heating time between 0 ~ 120 min.



CODR-100 Reactor 1 Set

- Protective cover SC5.307.019 1 Piece
- European standard power cord(3VTJ2) 1 Piece
- Fuse (5A Φ5*20) 2 Pieces
- Test tube rack (φ18*30 hole, metal material made) 1 Piece
- Digestion test tube 21 Pieces
- Instruction manual 1 Piece

Description

- Adopt digital setting, display heating temperature, automatically control heating temperature, and set heating time. The heating speed is fast, the temperature is constant and uniform, the power consumption is small, the operation is simple, and the performance is stable and reliable.

Specifications

	Model	CODR-100
Measuring Unit	temperature	100-165 ℃
	time	0-120 min
General	Electricity	AC Adapter , 200-240 V AC input
	Dimension (mm)& Weight (kg)	330×228×132, 4

COD Analyzer

COD-100B



Features

-  LCD display screen.
-  2 LED light sources for different COD testing ranges.
-  Data capacity of up to 200 sets GLP-compliant.
-  COD analysis in accordance with EPA 410.4 and ISO 15705:2002

Features

- COD analysis in accordance with EPA 410.4 and ISO 15705:2002 standards.
- LCD display screen.
- 2 LED light sources for different COD testing ranges.
- 2-point calibration.
- Data capacity of up to 200 sets GLP-compliant.
- Data stored can be transferred into the computer by USB communication interface.

COD-100B COD Analyzer 1 Set
721 Cuvette 4 Pieces
European standard power cord(3VTJ2) 1 Piece
USB communication cable 1 Piece
Instruction manual 1 Piece
Fuse $\Phi 5\times 20(0.5A)$ 2 Pieces

Description

- COD is a commonly used comprehensive index to evaluate the degree of water pollution. It is the abbreviation of chemical oxygen demand in English, and its Chinese name is "chemical oxygen demand" or "chemical oxygen demand", which refers to the use of chemical oxidants (such as potassium dichromate) to oxidize and decompose reducing substances (such as organic matter) in water. the amount of oxygen consumed. It reflects the degree of water pollution by reducing substances.

Specifications

	Model	COD-100B
Measuring Unit	Range	(0~150)mg/L,(0~1500)mg/L
	Accuracy	±8%
	Repeatability	3%
	Fluctuation	6mg/L (20min)
General	Electricity	AC Adapter, 200-240 V AC input
	Dimension (mm)& Weight (kg)	315×225×100, 2

COD Analyzer

COD-Y1001



- Measurement range:5-10000mg/L
- Measurement time:5min
- Indication error: ≤8%
- Repeatability: ≤±5%
- Optical stability: ≤0.001A/10min

Features

-  The 7-inch color touch screen is used with intuitive GUI graphic navigation, which conforms to the user's operating habits and is convenient for users to get started.
-  It can measure a variety of conventional water parameters, the concentration can be read directly, and the measurement results are more accurate.
-  The instrument comes with pre-calibrated curves, no user setup required. It also supports user-defined curves, with expandable storage for up to 200 curves. Large-capacity storage supports 5,000+ data records for easy review and backup.
-  The unique high-precision filter system makes the instrument more stable and the measurement accuracy is higher.
-  Built-in thermal printer, which can print current data and store data, save experimental space for users.
-  Using cold light source, narrow-band interference technology, the life of the light source is up to 2W hours.

-  With the new ARM9 chip, the instrument response is more sensitive, and the capacity can reach 500M memory.
-  Support USB storage, convenient for users to store data.
-  Supports both cuvette and test tube colorimetry, allowing flexible choice based on sample requirements.
-  It can be used with Lab-yy prefabricated reagents, the experimental steps are greatly reduced, the measurement is easier, and the data is more accurate.

Specifications

Model	COD-Y1001
Test item	COD (Chemical oxygen demand)
Measurement range	5-10000mg/L (segmented)
Test method	Fast digestion spectrophotometry
Indication error	≤8%
Repeatability	≤±5%
Optical stability	≤0.001A/10min
Light source life	20,000 hours
Measurement time	5min
Number of curves	200
Data storage	> 5000
Colorimetric method	Cuvette / colorimetric tube
Display	7-inch color touch screen
Printer	Built-in thermal printer
Data communication	USB interface
Ambient temperature	5~40℃
Ambient humidity	Relative humidity ≤85 (non-condensing)
Electricity	AC220V±10%/50Hz
Rated power	70W
Package dimension(L*W*H)	530*470*320mm
Product dimension(L*W*H)	450*470*370mm
N.W./G.W.	6.5/8.2kg

COD Digester

CODR-16A



Specifications

Model	CODR-16A
Heating Speed	Rise to the set temperature of 165°C within 10 minutes
Digestion Quantity	16
Digestion Capacity	0-10mL
Custom Mode	3
Digestion Protection Plate	Prevent burns due to misuse
Digestion Shield	High light transmission integrated safety protection
Electricity	AC 220V/50Hz
Rated Power	900W
Pre-stored Digestion Program	Six programs including COD, total nitrogen, total phosphorus, hexavalent chromium, and custom digestion programs
Display	128*64 LCD screen
Digestion Temperature	45~300°C (users can set by themselves)
Temperature Indication Error	≤±2%
Timing Range	1 min—96 hours
External Dimension(L*W*H)	340*240*214mm
N.W./G.W.	6/9kg
Package Dimension(W*D*H)(mm)	540*400*350mm

CODR-16A Reactor 1 Set

- Power cord 1 Piece
- Instructions 1 Piece
- Product warranty card 1 Piece
- Product Qualification Certificate 1 Piece

Description

- The intelligent multi-parameter COD Digester can be used for COD, total nitrogen, total phosphorus. It adopts a large-screen high-resolution LCD display, which has the functions of wide-range parameters, high intelligence, automatic start timing, energy saving and power saving.

Features

-  Color LCD display: large-screen high-resolution LCD display;
-  Wide range of parameters: digestion temperature and timing time can be freely adjusted in a wide range, with better versatility;
-  High intelligence: 5 digestion programs and a set of custom digestion programs are stored in the instrument;
-  Auto start timing:After the water sample is put in, it enters the waiting state, and the timer starts automatically after the temperature rises to the digestion temperature;
-  Energy-saving and power-saving: high thermal insulation performance, automatically stop heating when the preset time is reached;
-  Visible experiment: high light-transmitting protective cover, which is safe and can make the whole experiment visible.
-  Multiple functions: real-time clock display, fast switching of digestion modes, timing function, program upgrade, alarm prompt for completion of temperature rise, over-temperature alarm prompt, instrument overheat protection and other functions.