



COD ANALYZER

COD Digester
Bench-Top COD Analyzer
COD Constant Temperature Heater



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 ~ 160 ℃ .
- 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	100-160 ℃
	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



Description

- COD analyzer is used to measure a variety of water routine parameters, such as COD, ammonia nitrogen, total phosphorus, total nitrogen, turbidity, suspended heavy metal ions, etc., and the measurement results are more accurate.



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.
- It has a large-capacity storage function, built-in 5 manufacturer curves, 195 expansion curves, and can store more than 5,000 experimental data, which is convenient for users to view freely.
- 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 10W 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.
- Support users to build their own curves according to different measurement requirements, and the segmentation coefficient K can be adjusted according to measurement 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.

COD-Y1001 COD Analyzer 1 Set

- | | | | |
|---------------|---------|----------------------------|----------|
| Power cord | 1 Piece | High concentration reagent | 50 times |
| instructions | 1 Piece | Low concentration reagent | 50 times |
| Warranty Card | 1 Piece | Colorimetric dish | 4 Pieces |

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	100,000 hours
Measurement time	15-20min
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, RS-232 serial port
Ambient temperature	5~40℃
Ambient humidity	Relative humidity ≤85 (non-condensing)
Electricity	AC220V±10%/50Hz
Rated power	70W
Shipping dimension(L*W*H)	520*450*300mm
Product dimension(L*W*H)	450*470*370mm
N.W./G.W.	6.5/7.5kg

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.	6/8.5kg
Shipping Dimension(L*W*H)	540*390*345mm

CODR-16A Reactor 1 Set

- Power cord 1 Piece
- Instructions 1 Piece
- Product warranty card 1 Piece
- Product Qualification Certificate 1 Piece
- Digestion tube 16 sets

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.

COD Reactor

BP-12C BP-20C



BP-12C Reactor 1 Set

- Glass reflux pipe: 12 sets
- Stainless steel test tube holder 1Set
- Power cord 1 Piece

BP-20C Reactor 1 Set

- Glass reflux pipe 20 sets
- Stainless steel test tube holder 1Set
- Power cord 1 Piece

Features

- This instrument can make the COD analysis work convenient and fast, and it is economical and reliable, energy-saving and can improve the working environment.
- Its aluminum alloy heating module is made of zinc aluminum alloy, so it has the feature of uniform temperature distribution, fast heating and long service life.
- The small temperature difference between the wells ,the good consistency in samples, and the high thermal efficiency are all beneficial to the digestion of the sample.

Heating more than one group of samples at once is highly efficient, energy-saving, and can greatly improve the working environment.

- The instrument uses liquid crystal display temperature controller, with the function of timing shutdown and alarm; PID intelligent control technology with high precision of temperature control and small temperature range, hence is easy to learn.

Specifications

Model	BP-12C	BP-20C
Number of sample holes	12	20
Heating module material	Aluminium alloy	
Designed temperature	RT-200℃	
Temperature control table	Liquid crystal display/±1℃	
Timing range	0—99 hours	
Working voltage	AC220V/50Hz	
Heating power	1.6KW	2.6KW