



**COD Analyzer with COD Digester / Reactor
COD2000**



COD Analyzer with COD Digester / Reactor

COD2000



COD Analyzer automatically measures Chemical Oxygen Demand (COD) - the amount of oxygen that would be consumed by chemical oxidants reacting with organic matter in a water sample. This value helps assess pollution level, treatment efficiency and compliance with environmental standards.

COD Analyzers are essential in wastewater treatment, environmental monitoring, industrial effluent testing and water quality control.

SALIENT FEATURES

- ✦ COD Analyzer with Digester / Reactor
- ✦ 5.7" LCD Display (Photometer)
- ✦ 4.5" Touch Screen LCD Display (COD Digester / Reactor)
- ✦ 420nm and 620nm LED light Source for COD LR and COD HR determination.
- ✦ Data capacity of up to 2000 sets (GLP - compliant) including User ID, Data and time, Sample ID
- ✦ In-built Thermal printer
- ✦ Data Export Option Available
- ✦ Customized Printing Data
- ✦ Sample Cell type can modify
- ✦ Heating light Indication with colour green and orange
- ✦ Heating & Timing Alarm Function
- ✦ COD Digester / Reactor is a Standard Supply with the Instrument

STANDARD ACCESSORIES: Main Instrument, COD Digester, COD vial 0-150mg/L – 25Nos. COD vial 0-1500mg/L – 25Nos. Power Cable, Adaptor, Instruction Manual, Test Certificate

COD Analyzer

HSN Code : 90275010

SPECIFICATIONS

MODEL		COD2000
Make		LABMAN
Method		LR COD _{Cr} HR COD _{Cr}
LR COD _{Cr}	Principle	Potassium dichromate method
	Range	(0.000 ~ 150.0)mg/L
	Accuracy	±8%
	Repeatability	≤3%
	Fluctuation	<6mg/L (20min)
	Wavelength	420nm
HR COD _{Cr}	Principle	Potassium dichromate method
	Range	(150.0 ~ 1500)mg/L
	Accuracy	±8%
	Repeatability	≤3%
	Fluctuation	<6mg/L (20min)
	Wavelength	620nm
Wavelength	Range	420nm, 620nm
	Accuracy	±4nm
Others	Sample Cells	16mm round cell holder
	Power Supply	AC 220V / 50 - 60Hz
	Packing Dimension (LxWxH)	370 x 325 x 220mm
	Net / Gross Weight	1.5kg/ 2kg

SPECIFICATIONS

COD Digester / Reactor	Standard Supply with COD Analyzer
Display	4.5" Touch Screen
No. of Holes	8 holes x 16mm
Temperature Range	45°C ~ 165°C
Temperature resolution	1°C
Temperature Accuracy	±2°C
Heating Rate	20°C to 165°C in 10min
Heating Mode	Continuous & Intermittent
Time Range	0 ~ 120minutes
Pre Define Methods	Program as below
COD _{Cr} Program (150°C, 120min)	Yes
Ambient Temperature	10°C ~ 40°C
Power	250W
Power Supply	AC 220V / 50 - 60Hz
Digester Packing Dimension (LxWxH)	370 x 325 x 220mm
Net / Gross Weight	2kg / 3kg

★ Specifications are subject to change without notice - LABMAN.

Optional -10mm Cuvette Holder & 10mm Glass Cuvette



LABMAN Product Range 2026

Bench-Top Freeze Dryer	Microvolume Spectrophotometer	High Speed Automatic Polarimeter	PMT Spectrophotometer
Floor Freeze Dryer	Rotary Evaporator	Manual Lab Polarimeter	Low Viscosity Adaptor
Food Freeze Dryer	Vacuum Solvent Recovery System	Manual ABBE Refractometer	Viscometer with Thermosel System
Pilot Freeze Dryer	Diaphragm Vacuum Pump	Automatic Digital Refractometer	Digital Rotational Viscometer
Mini Freeze Dryer	Double Stage Rotary Vane Vacuum Pump	Portable Refractometer	Krebs Viscometer
Atomic Absorption Spectrophotometer	Circulating Water Vacuum Pump	ABBE Refractometer	Visual Colorimeter
Graphite Furnace	Paddle Blender Homogenizer	Probe Sonicator	pH Meters with Printer / Touch Screen
Auto sampler for Graphite Furnace	Hand Held Homogenizer	Hotplate Magnetic Stirrer	Benchtop pH/mV/°C/ Ion Meter
Auto sampler for GC	Tissue Grinder Homogenizer	Graphite Hotplate	Conductivity Meter - Touch Screen
Gas Chromatography	HPLC	Oil Bath Magnetic Stirrer	Dissolved Oxygen Meter
Laboratory Water Purification System	Hybridization Oven	Overhead Stirrer	Water Hardness Meter
Laboratory Glassware Dryer	UV Crosslinker	Ceramic Hotplate Magnetic Stirrer	Ion Selective Electrodes
Electromagnetic Sieve Shaker	Automatic Potential Titrator	Multiposition Magnetic Stirrer	Turbidity Meter
CO ₂ Incubator	Karl Fischer Titrator	Waterbath Magnetic Stirrer	Portable Turbidity Meter
Stackable / CO ₂ Incubator Shaker	Elisa Microplate Reader	Tube Roller Mixer	Portable pH Meter
Benchtop Orbital Shaking Incubator	Gradient PCR Thermal Cycler	Ultrasonic Cleaner	Portable Conductivity Meter
Orbital Shaker	Multi Tube Vortex Mixer	Industrial Ultrasonic Cleaner	Portable Dissolved Oxygen Meter
Microplate Shaker	Vortex Mixer	Digital Water Bath	Online pH Controller
Automatic Fraction Collector	Dry Bath Nitrogen Evaporator	Refrigerated Circulating Bath	Online Conductivity Controller
Blue Light Transilluminator	Dry Bath Incubator	Recirculating Water Chiller	pH Electrode, ORP Electrode
Dispensing Peristaltic Pump	Infrared Sterilizer	Automatic Elisa Plate Washer	Air Generator
Automatic Density Meter with CFR	Glass Bead Sterilizer	Ice Flaker, Ice Maker & Crusher	Hydrogen Generator
Portable Melting Point Apparatus	Total Organic Carbon Analyzer (TOC)	Double Beam Spectrophotometer	Microwave Digestion System
Melting Point Apparatus with CFR	COD Analyzer with Digestor	Single Beam Spectrophotometer	Nitrogen Generator
Nucleic Acid Extractor	BOD Analyzer	Visible Spectrophotometer	Hydrogen Air Generator (2 in 1)