COD Reactor

Brand **Master Science** | Unit **Pc**





The intelligent multi-parameter COD Digester is a versatile instrument designed for the analysis of COD, total nitrogen, and total phosphorus. It features a large-screen, high-resolution LCD display and offers a range of advanced functions including wide-range parameter adjustments, high intelligence, automatic start timing, and energy efficiency.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
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Technical Specifications

GENERAL	
General	Heating SpeedReaches the set temperature of 165°C within 10 minutes
General	Digestion Quantity16 samples
General	Digestion Capacity0-10 mL
General	Custom Mode3 custom programs
General	Digestion Protection PlatePrevents burns due to misuse
General	Digestion ShieldHigh light transmission integrated safety protection
General	ElectricityAC 220V/50Hz
General	Rated Power900W
General	Display128*64 LCD screen
General	Digestion Temperature45~300°C (user-settable)
General	Temperature Indication Error≤±2%
General	Timing Range1 minute to 96 hours
General	Digestion temperature and timing can be freely adjusted within a wide range, enhancing versatility.

GENERAL

General	Pre-stored Digestion ProgramSix programs including COD, total nitrogen, total phosphorus, hexavalent chromium, and custom digestion programs

COLOR LCD DISPLAY

Color LCD Display	Equipped with a large-screen, high-resolution LCD display.

HIGH INTELLIGENCE

High Intelligence	Stores 5 preset digestion programs along with one customizable digestion program.

AUTO START TIMING

Auto Start Timing	Automatically begins timing once the water sample is inserted and the temperature reaches the digestion set point.

ENERGY-SAVING AND POWER-SAVING

Energy-saving and Power-saving	High thermal insulation performance and automatic heating stop when the preset time is reached.

VISIBLE EXPERIMENT

Visible Experiment	Comes with a high light-transmitting protective cover, ensuring safety and visibility throughout the experiment.

Includes real-time clock display, quick digestion mode switching, timing function, program upgrade capability, alarm prompts for temperature rise completion and over-temperature, and instrument overheat protection.