

COD Reactor



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.

Key Features:

Color LCD Display:

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

Wide Range of Parameters:

- Digestion temperature and timing can be freely adjusted within a wide range, enhancing versatility.

High Intelligence:

- Stores 5 preset digestion programs along with one customizable digestion program.

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:

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

Visible Experiment:

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

Multiple Functions:

- 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.
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Specifications:

- **Model:** MSCODR16ASWISS
- **Heating Speed:** Reaches the set temperature of 165°C within 10 minutes
- **Digestion Quantity:** 16 samples
- **Digestion Capacity:** 0-10 mL
- **Custom Mode:** 3 custom programs
- **Digestion Protection Plate:** Prevents 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 (user-settable)

- Temperature Indication Error: $\pm 2\%$
- Timing Range: 1 minute to 96 hours