

COD-200R Reactor



GENERAL FEATURES

- Color High contrast LCD touchscreen, 7.0 inches.
- Adopting sealed micro-recycling digestion method, no need for condensation water condensation.
- Capable of digesting 32 samples simultaneously.
- 2 separate controllable digestion blocks with separate protection covers, left digestion block 16x16mm holes, right digestion block 16x16mm holes.
- 2 separate controllable digestion blocks for independent temperature control, allowing for digestion of different projects simultaneously.
- 8 methods are built-in and 10 user-defined methods are supported.
- The method includes the digestion temperature (45~185)°C, digestion time (0~480)min and countdown reminder.
- Heating mode supports "continuous heating" and "intermittent heating".
- The reactor supports indication light for high temperature warning (exceeds 65 °C).
- The reactor supports buzzer for the temperature ready, completion of digestion, and countdown reminder.
- The reactor allows to set back to default data.

Includes

- 32 pcs digestion tube(16mm)

Model		COD-200R	COD-100R
Measuring Unit	Number of holes	32×16 mm holes	8×16 mm holes
	Digestion block	2	1
	Digestion tube	φ16mm	φ16mm
Temperature	Range	(45~185)°C	(45~185)°C
	Resolution	± 0.1°C	± 0.1°C
	Accuracy	±2°C	±2°C
	Uniformity	≤2°C	≤2°C
	Heating Rate	From 20 to 165 °C in 10 minutes	From 20 to 165 °C in 10 minutes
Time	Range	(0~480)min	(0~480)min
	Accuracy	±2%	±2%
Method management	Pre-defined Methods	CODCr method (150 °C, 120 minutes)	CODCr method (150 °C, 120 minutes)
		CODMn method (150 °C, 120 minutes)	CODMn method (150 °C, 120 minutes)
		TP (Total phosphorus) method	TP (Total phosphorus) method
		TN (Total nitrogen) method	TN (Total nitrogen) method
		Iron method	Iron method
		Total chromium method	Total chromium method
		Urea method	Urea method
		Methanal method	Methanal method
	User-defined Methods	10	1
General	Power Supply	AC Adapter, 100~240 V AC	AC Adapter, 100~240 V AC
	Power Input	1000W	250W
	Dimensions	240×360×180mm	175×280×145mm
	Net Weight	About 5kg	About 2 kg