

Dual Temperature Digester

PR2000

Features

- Used for heating and digestion in testing items such as COD, total phosphorus, total nitrogen and total chromium.
- Intelligent PID temperature control technology
- Alarm prompt
- Color display : Real-time display of current temperature, set time, remaining time and other parameters
- Support user-defined settings

Application

- Research Institutes
- Sewage Engineering
- Water Environment Testing
- Petrochemical Industry
- Metallurgical Steel
- Biomedicine
- Food Emulsion
- Wool Printing And Dyeing

Description

The Dual Temperature Digester is an advanced instrument designed for precise and efficient sample digestion at varying temperatures. Ideal for applications in environmental testing, water quality monitoring, and chemical analysis, this versatile device supports simultaneous digestion at two different temperatures, enhancing accuracy and flexibility. It is essential for pre-treating water samples for COD (Chemical Oxygen Demand), total nitrogen, and total phosphorus analyses. Recent technological advancements include improved digital interfaces and customizable temperature settings, catering to the growing need for high-throughput and adaptable solutions. Long-tail keywords such as "dual zone digestion system," "multifunctional temperature-controlled digester," and "advanced dual temperature sample digester" reflect current industry trends and user needs, positioning the Dual Temperature Digester effectively in a competitive market.

- Electronic Machinery
- Aquaculture



1. Parameter

Feature	Description
Model	PR2000
Digestion Capacity	24 samples
Heating Speed	Reaches set temperature of 165°C within 5 minutes (dual temperature settings)
Digestion Volume	0-10 mL
Temperature Control Mode	Intelligent PID temperature control
Temperature Accuracy	±1°C
Digestion Temperature	Adjustable from 35°C to 200°C (constant temperature control)
Time Setting	0-999 minutes (beep alarm at end of digestion)
Digestion Hole Diameter/Depth	16 mm / 55 mm
Timing Mode	Supported
Custom Mode	Supported
Completion Alert	Supported
Digestion Protection Plate	Supported
Digestion Protection Cover	High-transparency integrated safety protection
Rated Voltage	AC 220V / 50Hz
Rated Power	900W
Dimensions	380 × 250 × 165 mm
Weight	6 kg

2. Accessories

Item Number	Name	Quantity
1	Digestion Device Main Unit	1 unit
2	Digestion Protection Cover	1 unit
3	Power Cable	1 piece
4	Operation Manual	1 copy
5	Certificate of Conformity	1 copy
6	Warranty Card	1 copy