

**CODcr Reflux Digester  
TK-1600A  
User  
Manual**



**CAS TECHNOLOGY**  
中科特肯



To Users ,

Thank you for your trust in our products and for choosing the TK-1600A CODcr Reflux Digester. Please read this user manual carefully before use.

Please keep this user manual, certificate of conformity and warranty record card in a safe place for future reference. Do not tear off any labels on the instrument. For any questions, please contact your distributor or our after-sales service department at 0531-88908220.

This manual applies to standard models only; customized models are for reference only.

# *Content*

1. Operation Settings.....	5
2. Instrument Appearance and Component Nomenclature .....	6
3. Maintenance and Care .....	6
4. Warranty Terms.....	7
About Zhongke Tk.....	7

Before powering on the instrument, check that the sampling pipelines are properly connected, sealed and undamaged. Prepare the samples in accordance with standard requirements and pour them into the sampling vials. Set the heating temperatures and heating durations for Zone A, Zone B and Zone C (factory default settings are pre-configured). Press the corresponding start button for each channel on the screen to start operation. The instrument will stop automatically upon completion of the operation (the corresponding button will be deactivated).

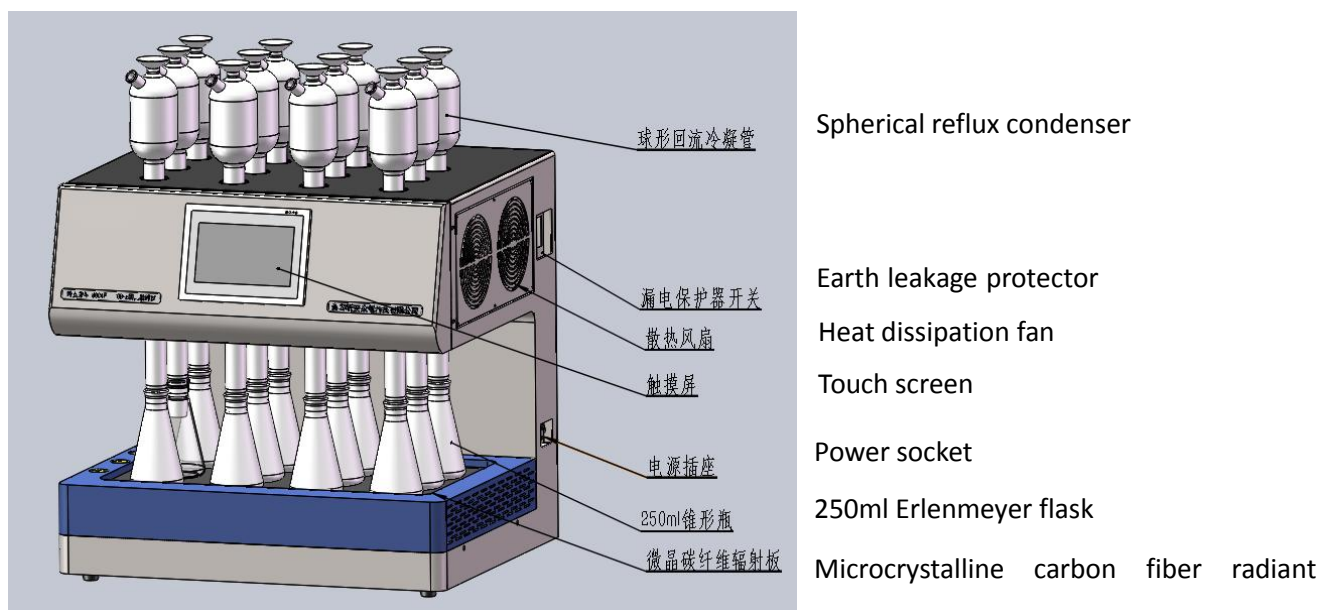
## 1. Operation Settings

The operation interface has a single page with the following options: heating temperature setting, heating duration setting, remaining time display, and on/off button.

- Heating Temperature Setting: Factory default values are 260°C for Zone A, 250°C for Zone B and 260°C for Zone C.
- Heating Duration Setting: The factory default heating duration is 130 minutes for Zone A, Zone B and Zone C (it takes 5-10 minutes to reach the set temperature).
- Remaining Time: A countdown will start based on the set heating duration after the on/off button is activated.
- On/Off Button: Used to start and stop the experiment.



## 2. Instrument Appearance and Component Nomenclature



## 3. Maintenance and Care

1 If you feel an electric shock when touching the instrument, or notice abnormal noises, pungent odors, smoke or other abnormal phenomena during use, immediately cut off the power supply, stop using the instrument and contact our after-sales service department in a timely manner.

2 Do not disassemble, repair or modify the instrument without authorization.

3 The instrument is not waterproof. Do not expose the main body of the instrument to water, otherwise it may cause poor insulation, leading to electric leakage and equipment failure. In case of accidental water ingress into the instrument interior under special circumstances, immediately cut off the power supply, stop using the instrument and contact our after-sales service department promptly.

4 Keep the instrument away from excessive moisture to reduce the risk of rust on metal components.

5 If strong acids, strong alkalis, organic solvents or other reagents splash onto the instrument surface, immediately cut off the power supply, stop using the instrument and wipe the surface clean in a timely manner. If a large amount of reagents spill into the instrument interior, immediately cut off the power supply, stop using the instrument and contact our after-sales service department without delay.

6 Replace the sampling pump tube every 1 to 2 years according to the actual usage condition.

## 4. Warranty Terms

1 The entire instrument is covered by a one-year warranty.

2 The following situations are not covered by free warranty services, but paid repair is available:

- Lack of warranty card and invoice;
- The instrument has been disassembled or repaired without authorization (verified by the anti-disassembly sticker);
- Damage caused by improper transportation, use or maintenance by the user;
- Damage caused by force majeure;
- Expiration of the three guarantees (guarantee of repair, replacement and refund) period.

## About Zhongke Tk

Zhongke Tk (Shandong) Intelligent Technology Co., Ltd. was founded in 2015, with its headquarters located in Jinan, Shandong Province. It is a high-tech enterprise specializing in the R&D, production, sales and service of water quality analysis equipment.

The company has a professional R&D team. With profound professional knowledge and rich practical experience, the team members continuously promote the innovation and progress of water quality analysis technology to ensure that the products are always at the advanced level of the industry.

Our products cover a variety of water quality analysis equipment, including hydrogen conductivity meter, dissolved oxygen meter, pH meter, conductivity meter, multi-parameter water quality analyzer, etc. At the same time, the company also provides customized solutions for customers, tailoring suitable water quality analysis equipment and monitoring schemes according to their specific needs.

Adhering to the business philosophy of Technological Innovation, Quality First, Service Supreme, we continuously improve product quality and service level, provides customers with suitable water quality analysis equipment and solutions, and makes greater contributions to the development of the water quality analysis industry.

Address: Room 101-02, Building 22, Jinan Artificial Intelligence Technology Valley (Central District) Project, No.730 Qicai Road, Caishi Street, Licheng District, Jinan City, Shandong Province

Tel: 0531-88908220

Website: [www.tekenwater.com](http://www.tekenwater.com)