NWSPEC (Xiongan) Co., Ltd.
Add. 15-051# Xiongan Pilot
FreeTrade Zone Area, Hebei,

Intelligent Chiller

Designed for the cooling needs of ICP-MS and ICP-OES instruments, our intelligent chiller provides stable temperature control, low water level alerts, and efficient cooling, ensuring your instrument maintains optimal performance during extended operation. Built to industrial cooling standards, it integrates seamlessly with your equipment to provide reliable and consistent cooling support. This chiller is ideal for a variety of laboratory and research settings, especially for precision instruments that require high temperature stability.

Product Features

Smart Water Level Control: An intelligent monitoring system automatically manages the water level, keeping it within the optimal range and preventing the risks of a low or high water level.

Low Water Level Alert: The built-in low water level alarm automatically alerts you when the water drops below the safety line, preventing any disruption to cooling performance.

High-Efficiency Cooling: This chiller uses R22 refrigerant for efficient cooling that keeps your ICP instrument stable and running smoothly.

Easy Mobility: With a 23-liter capacity and universal caster wheels, this chiller can be easily moved and positioned anywhere in your lab, providing exceptional flexibility.

Simple Maintenance: Designed for easy refilling and water changes, this chiller makes routine maintenance quick and hassle-free.

Technical Specifications

Total Volume: Approx. 23 L

Refrigerant: R22 (Same as household air conditioners)

Water Level Control: Automatic

Low Water Level Alert: Yes

Mobility: Universal casters

Applicable Environments: Laboratories, research institutions, and industrial settings

Key Advantages

High Stability: The precision water level control system automatically regulates the water level, reducing the need for manual monitoring and ensuring continuous cooling.

Easy Maintenance: Users can easily add and change water. Additionally, the use of R22 refrigerant—which is common in household air conditioners—simplifies refilling and maintenance.

High Flexibility: Equipped with caster wheels, the chiller can be moved flexibly to suit different instrument setups within the lab.

Eco-Friendly: It uses R22 refrigerant, which is a common type of refrigerant that can be serviced more easily than specialty refrigerants.

Note on R22 Refrigerant: While the product description states that R22 is environmentally friendly, it's important to be aware that R22 is a hydrochlorofluorocarbon (HCFC) that has been or is currently being phased out in many countries due to its ozone-depleting properties. While its use is still permitted in some regions for existing equipment, it may become more difficult or expensive to obtain in the future.