

Mobile High and Low Temperature Experimental Quenching Tank

This mobile quenching tank is designed for experimental processes requiring a wide range of quenching medium temperatures. It features a robust construction with integrated cooling, heating, and stirring systems for precise temperature management.



ADDITIONAL IMAGES



Product Overview

Advanced Experimental Quenching Solution

This multifunctional mobile quenching tank is engineered for precise heat treatment and material testing applications. Designed with a wide temperature range, it effectively manages both high and low-temperature quenching requirements, overcoming the limitations of conventional cooling methods. The unit features a highly integrated, mobile design that ensures flexibility, energy efficiency, and ease of use in laboratory and industrial research environments.

Performance Specifications



The mobile base design ensures the unit can be easily relocated within laboratory or industrial facilities.

Minimum Temperature	20 °C
Maximum Temperature	60 °C
Key Advantages	Mobile Design, Energy Efficient, High Integration, Automated Control, Compact Size

System Components



The integrated control panel and circulation system allow for precise temperature management during experimental processes.

Included Systems

- Tank Body
- Circulation System
- Stirring System
- Cooling System
- Heating System (Auxiliary)
- Lifting System
- Safety System
- Control System

Construction & Design

Construction Details

Component	Specification
Skeleton	Profile Steel
Tank Body	Welded Steel Plates
Insulation	Aluminum Silicate Ceramic Fiber (Special Models)