

COOLING SYSTEM DATASHEET

SOETECK · IMMERSION COOLING

Soetek Multi-Tank Immersion Cooling System

Multi-tank single-phase immersion cooling for high-density, large-scale compute clusters

SKU ST-MTI

Soetek



PRICE

On request**REQUEST A QUOTATION ONLINE**serverinvest.com/product/soetek-multi-tank-immersion-system

01 Product overview

The Soetec Multi-Tank Immersion System cools servers by submerging them directly in a dielectric fluid inside sealed tanks. Instead of moving large volumes of air through the hardware, the fluid absorbs heat from every component and transfers it through a coolant distribution unit to an outdoor heat rejection loop. The multi-tank arrangement groups several tanks into one coordinated installation, making it suitable for large compute clusters rather than single racks.

Soetec positions the system for high power density at scale: internet data centres, cloud platforms and supercomputing centres, as well as core business systems in sectors such as finance and telecommunications that are designed to Tier IV availability requirements. Because the servers sit in fluid, fan power at the server level is largely eliminated, and the room no longer needs to be engineered around hot and cold aisles.

How it fits into a liquid-cooled site

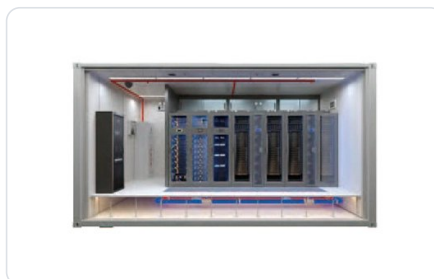
Heat collected in the tanks is carried by in-row CDUs to a dry cooler or closed-circuit cooling tower. Within the Soetec range, the same principle is offered in prefabricated form as the Immersion Cooling Module container, which pairs tanks with 4 × 400 kW in-row CDUs and a modular UPS. The multi-tank system brings that approach into an existing building or purpose-built hall.

Detailed tank dimensions, capacity per tank and fluid specifications are defined per project, based on server platform, rack density and site conditions. Contact us with your...

KEY SPECIFICATIONS

HIGHLIGHTS

- Multiple immersion tanks served as one cooling system
- Designed for high power density in large-scale clusters
- Suited to IDC, cloud and supercomputing facilities
- Targets core workloads in Tier IV-class environments
- Pairs with Soetec in-row CDUs and dry coolers



02 Engineered, delivered & supported by ServerInvest

Engineering & sizing

Selected and sized against your real IT load, room and redundancy targets.

Installation

Delivery, installation and commissioning by our engineers across Europe.

Certified processes

ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support

Maintenance, spare parts and support from a single partner.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
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