



UNDER TABLE CHILLER

Under Table Chiller - ToronChill™ UT Series (Industrial Chiller)

ToronChill™ UT Series is a compact Industrial Chiller designed to sit under a lab bench and deliver steady, closed-loop water cooling for analytical instruments. Its horizontal, low-height design helps save floor space while supporting stable setpoints for sensitive equipment.

This Industrial Chiller uses intelligent PID temperature control, low-noise airflow, and built-in monitoring to help protect high-value lab systems. Standard filtration and alarm functions support reliable day-to-day cooling in modern laboratory environments.

APPLICATIONS

Under Table Chiller - ToronChill™ UT Series (Industrial Chiller) Applications

- Atomic Absorption Spectrophotometers (AAS): Provides stable cooling to support consistent operation during extended test runs.
- ICP-OES / ICP-MS: Maintains coolant flow and temperature for plasma spectrometry systems with high thermal loads.
- Scanning Electron Microscopes (SEM): Supports cooling for components that require stable thermal conditions for repeatable imaging.
- Glove Boxes / Plasma Etchers: Helps control heat from auxiliary subsystems and circulating loops.
- Direct-Reading Spectrometers & Kjeldahl Systems: Supplies dependable cooling water to help keep workflows stable and predictable.



FEATURES

Under Table Chiller - ToronChill™ UT Series (Industrial Chiller) Key Features

- Intelligent PID temperature control: Helps maintain high temperature stability for lab-grade cooling performance.
- Under-table horizontal design: Built to fit under benches to maximize usable lab space.
- Automatic start-up setting: Auto start-up can be configured via software for easier daily operation.
- Water level and flow protection: Includes a standard water-level alarm system and an optimized water-flow alarm system.
- Low-noise, high-performance circulating pump: Supports steady circulation with reduced noise in lab environments.
- Stainless steel water tank: Easy to clean and designed for long service life in demanding lab use (material grade available on request).

TECHNICAL SPECIFICATIONS

Under Table Chiller - ToronChill™ UT Series (Industrial Chiller) Technical Specifications

High Stability Chiller (ToronChill™ UT*s series)

- Temperature Stability: ±0.1 °C
- Temperature Range: 5 to 35 °C

Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
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ToronChill™ UT1s	1600	20	1.7	3	320×580×520
ToronChill™ UT2s	2600	40	3.6	4	380×700×615
ToronChill™ UT3s	3600	40	3.6	6	450×700×680

High Stability Low-Temperature Chiller (ToronChill™ UT*s-20 series)

- Temperature Stability: ± 0.1 °C
- Temperature Range: -20 to 35 °C

Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
ToronChill™ UT1s-20	1200	15	1.6	3	320×580×520
ToronChill™ UT2s-20	2200	18	2.6	4	380×700×615
ToronChill™ UT3s-20	3200	18	2.6	6	450×700×680

High Stability High & Low Temperature Chiller (ToronChill™ UTs-29 Series)

- Temperature Stability: ± 0.1 °C
- Temperature Range: -20 to 95 °C

Model	Cooling Capacity (W @25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall Dimensions (W×D×H, mm)
ToronChill™ UT1s-29	1200	18	1.5	3	320×580×520
ToronChill™ UT2s-29	2200	25	3.5	4	380×700×615
ToronChill™ UT3s-29	3200	25	3.5	6	450×700×680



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