



iTech LASERTECH | Precision laser chiller

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Precision laser chiller | 1 – 120 kW

Dual-circuit, stainless steel interior, Modbus integration – protecting your laser



The LASERTECH is designed for cooling CO₂ and fibre lasers. Its dual-circuit version keeps the resonator and the optical system at separate temperatures. Stainless steel interior, optional deionising filter, Modbus communication with the laser machine.



Technical specifications

Parameter	Value
Cooling capacity	0,8 – 116 kW
Cooling circuits	Single- or dual-circuit
Internal design	Full stainless steel
Water purity	Conductivity measurement + deioniser
Pump	Dual configuration
Refrigerant	R-410A / R-134a
Communication	Modbus protocol
Control	PLC touchscreen

Key benefits

- Dual-circuit: resonator + optics at separate temperatures
- Stainless steel interior: corrosion-free
- Deionising filter: meets the laser source's water purity requirements
- Modbus: direct integration with the laser machine
- Custom manufacturing available

Typical applications

- CO2 lasers
- Fibre lasers
- Laser cutters
- Laser welders
- Medical lasers

Cyber in Systems Kft. (CIS) – Exclusive distributor of iTech

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Request a personalised quotation and a cooling demand assessment!