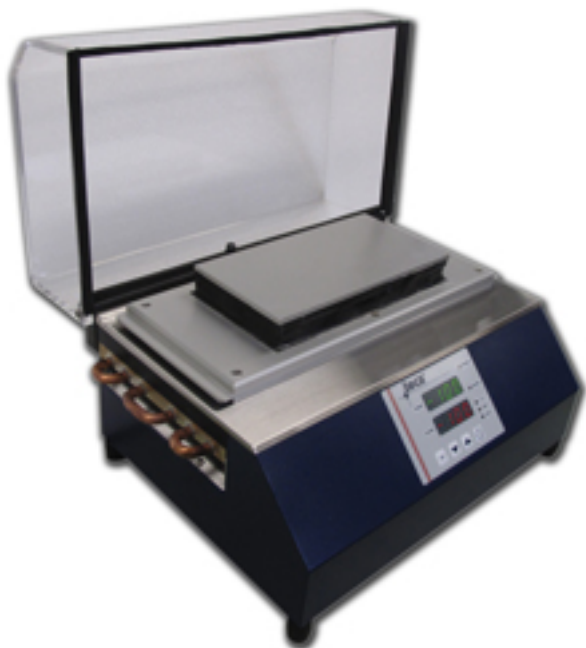


Ultra-low Temperature Cooling



TECA introduces a benchtop Liquid-Cooled Cascaded Cold Plate System for ultra-low temperature cooling. The LHP-1200CAS provides direct contact cooling down to -70°C . Designed for laboratory use, the LHP-1200CAS offers versatility and precise control. It can be used to cool components, materials, chemicals, and samples in applications within embedded technology, test and measurement, life science, laboratory research, and other fields. The LHP-1200CAS can be used with any of the three cascade accessories for low temperature cooling or without the cascade attachment for a larger cooling surface. The user can switch between internal or external RTD sensors for customized control. A programmable temperature controller with data logging software is included. A hinged cover and RS-232 communications are also included. Universal input voltage is standard. The LHP-1200CAS is a liquid-cooled thermoelectric cold plate system. Thermoelectric systems use no chemicals of any kind. There are no moving parts except for the fluid and are thus virtually maintenance free. The cascade effect creates very low temperatures because each stage adds to the temperature differential of the lower stage. Within the LHPCAS products, three stage sizes and performance levels are available.

TECA Corp., 888-832-2872, www.thermoelectric.com [1]

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