

Q-MACS TCU

Thermo Control Unit



technical specification

The Q-MACS Thermo Control Unit (TCU) is designed to chill lasers and detectors for high sophisticated spectroscopic and industrial applications. The high control accuracy is achieved by a PID element and the vibration-free water cycle. This enables best measuring results without unwanted artefacts.



general

description	<ul style="list-style-type: none"> high-precision water cooler stand alone operation PID-controlled vibration-free closed water cycle communication and control software TCU-Control
dimensions	<ul style="list-style-type: none"> 88,9 mm x 448,9 mm x 435,5 mm 19" case with 2 RU height suitable for rack mount
control accuracy	+/- 0,01 K
control range	+16 °C to +30 °C
cooling capacity	80 W at 0 K ΔT
flow rate	max. 60 liter per hour
power	85 - 265 VAC
interfaces	<ul style="list-style-type: none"> LC-display key panel power supply RS232 CPC water connectors