

Thermal control for reagents

Professional heater-cooler thermoblock for reservoirs

Recommended for constant temperature across your campaign

BENEFITS FROM OUR SOLUTIONS

Perfect match of automation friendly devices in combination with disposable reservoirs

- Constant temperature control for larger volumes
- Allow walk away automation
- Low death volume for expansive reagents
- Avoid contamination
- Avoid losing reagent activity

System features

- Fully adjustable between **-20°** to **99°C**
- Temperature range **24 K below RT**, max: 99 °C
- **Cooling/Heating speed 12 K/min** above RT
- Wide range of perfected thermo adapters
- **First-class** aluminium housing
- Simple start-up
- 2 years full warranty



ColdPlate	Order no.	2016-0110
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To allow scientific innovation in laboratories

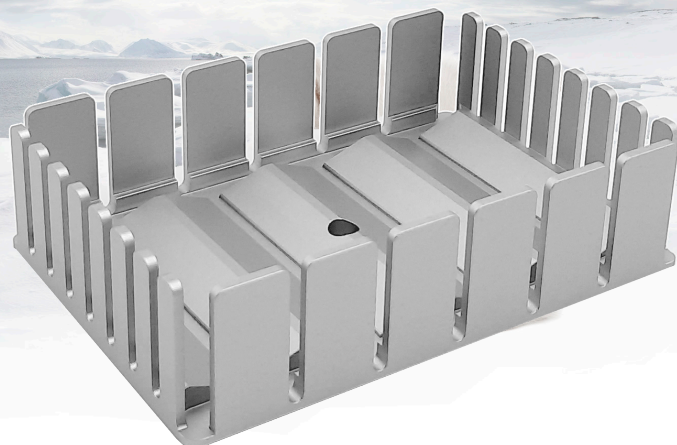
For comparable results of your assays, having identical conditions across the campaign is important. Depending on the degree of automation, you create a level of walk-away time. For this period, your reagents and media are stored on deck to be available for the liquid handling steps. Minimizing death volume and avoiding tubing for external supplies are options to save on reagent costs.

Homogeneous and accurate temperature control for reagent troughs

QINSTRUMENTS support your work with shaking, heating and cooling solutions for labware such as tubes, vials, microplates and reservoirs. In the market, you can find disposable reservoirs in ANSI/SLAS standard footprint or other specific troughs for various applications. With optimized base geometries, they will offer a minimized death volume. Available with a different number of cavities and at different heights, they provide the right solution for the number and volume of reagents needed for your assay and campaign. Your solution would be using the ideal container or trough in combination with shaking, thermal solutions and an optimized adapter for the reservoirs provided by QINSTRUMENTS.

Understand your pain points

As a lab scientist in the pharmaceutical industry, you know that your job requires precision and accuracy. You also understand the importance of having reliable reagents for your experiments. Unfortunately, many problems and pain points are associated with traditional reagent supply methods on liquid handlers. One of these pain points is the inability to control temperature. With the ability to precisely control temperatures during an experiment, results may be as accurate as desired, leading to costly errors if data needs repeating or validating again later in the development stages. We can lower the pain by supporting your daily work with consistent reagent temperature control.



ORDERING INFORMATION

ORDER NO.	INSTRUMENTS	
2016-0110	ColdPlate	Professional heater-cooler thermoblock (-20 to 99°C, 25 K below RT)
2016-0111	ColdPlate slim	Professional heater-cooler thermoblock, low construction (-20 to 99°C, 25 K below RT)
2016-0100	HeatPlate	Professional heater thermoblock (RT to 99°C)

ORDER NO.	ADAPTER RESERVOIRS IN MP FORMAT (AGILENT, CORNING, AZENTA, BRAND, PORVAIR, LVL)	
	THERMO ADAPTER FOR RESERVOIRS SW & HDW	
2016-1320	Adapter for reservoir SW flat bottom base	
2016-1321	Adapter for reservoir SW 96 pyramids base	
2016-1322	Adapter for reservoir SW 8-row base	
2016-1323	Adapter for reservoir SW 12-column base	
2016-1324	Adapter for reservoir hDW flat bottom base	
	THERMO ADAPTER FOR RESERVOIRS DW	
2016-1325	Adapter for reservoir DW flat bottom base	
2016-1326	Adapter for reservoir DW 96 pyramids base	
2016-1327	Adapter for reservoir DW 24-pyramids base	
2016-1328	Adapter for reservoir DW 4-row base	
2016-1329	Adapter for reservoir DW 8-row base	
2016-1330	Adapter for reservoir DW 2-column base	
2016-1331	Adapter for reservoir DW 3-column base	
2016-1332	Adapter for reservoir DW 4-column base	
2016-1333	Adapter for reservoir DW 12-column base	

ORDER NO.	ADAPTER RESERVOIRS BECKMAN COULTER	
2016-1311	Adapter for reservoir - 2x Biomek 75ml reservoir (e.g. for half reservoir 372786, 534681)	
2016-1312	Adapter for reservoir - 4x Biomek 40ml reservoir (e.g. for quarter reservoirs 372790, 534680, divided by with 372792)	

ORDER NO.	ADAPTER RESERVOIRS TECAN	
2016-1315	Adapter for reservoir - Adapter - 5x Tecan 25ml Reservoir (e.g. Tecan 30055743)	

Adapter for microplates, tubes and vials are available in our standard portfolio. Customized Adapter on request.

Legal Notices & Trademarks

QINSTRUMENTS is owner of numerous patents worldwide. Please respect our intellectual property.

WO2008135565, US8323588, EP2144716: Sample handling device for and methods of handling a sample

WO2011113858, US9126162, EP2547431: Positioning unit for a functional unit

WO2013113847, US10052598, EP2809436: Cog-based mechanism for generating an orbital shaking motion

WO2013113849, US9371889, EP2809435: Mechanism for generating an orbital motion or a rotation motion by inverting a drive direction of a drive unit

WO2014207243, US20160368003, EP3013480: Application-specific sample processing by modules surrounding a rotor mechanism for sample mixing and sample separation

WO002022128814A1: Laboratory apparatus comprising a fixing mechanism for fixing a slide

WO002022128809A2: Laboratory apparatus comprising a mixing mechanism for mixing a medium of a slide

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Technical specifications are subject to change without notice.

