

Temperature precision 4.0

Temperature precision and process optimisation through intelligent cooling.



Are you thinking about how to optimize your high performance product in terms of precision and digitalisation?

Then you are at exactly the right place at DELTATHERM®

As one of the leading manufacturers of cooling systems, we work with you to develop your appropriate technology.

Temperature PRECISION

+/- 0,02K

Customized solutions, precise and efficient!

Depending on your process requirements, we offer you various options for temperature stability and digitisation:

Temperature stability

Different accuracy levels for DELTATHERM® cooling systems in the performance range from 0-100%:

- >> +/- 1,0 K Standard
- >> +/- 0,5 K
- >> +/- 0,1 K
- >> +/- 0,02 K **NEW**

Digitisation through interfaces:

- >> IO-Link
- >> Ethernet
- >> Profinet
- >> Modbus
- >> 4-20 mA Signals
- >> 0-10 Volt Signals

When for you precision isn't precise enough:

+/- 0.02K with pioneering DELTATHERM® **ACC Technology**

A revolutionary quantum leap in temperature precision in the process cooling segment by 98 % compared to conventional control technology.

The core of DELTATHERM® Development 4.0 is the self-regulation and networking of DELTATHERM® cooling with your high performance systems.

The networked systems make it possible to intelligently coordinate the exchange of data and information and thus optimise your product.

Multiple utilisation of the integrated DELTATHERM® sensors is thus ideally extant - for increased temperature stability and process reliability.

Advantages of DELTATHERM networking

- Savings in sensor technology which is also installed in your equipment
- Elimination of costly assembly costs
- Fewer components that can lead to failures
- High process stability and precision

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Simply contact us. We will be happy to advise you.