

## Technical data

Test time	Approx. 90 seconds (Time mode 30 seconds)
Sample capacity	Single sample for manual version 12 samples for automatic version
Sample volume	2.0 ml or 2.5 ml
Units	m°C or m°H
Resolution	0.1 m°C/m°H
Range	0 to -1500 m°C/m°H
Repeatability	+/- 2 m°C/m°H (1 S.D.)
Temperature	15 to 35 °C with full sample throughput
Humidity	5 to 80 % relative humidity (non condensing)
Storage	0 to 45 °C
Voltage	110 to 240 VAC (50/60 Hz)
Power	90 W
Dimensions (wxdxh)	28 x 42 x 32 cm (measuring head down)
Net weight	11 kg
Shipping weight	15 kg
Warranty	2 years

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# Cryoscope C1



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Gerber Instruments, since its founding in 1892, has developed and produced analytical devices and instruments for quality control dedicated to the dairy industry.

The focus of Gerber Instruments in the past as well as today is the permanent innovation to produce precise and reliable products at its highest quality for customers benefits.

With the Gerber Cryoscope C1, whether manual or automatic, we are committed to take benefit of 120 years of excellence, acquired in the milk analysis to bring pioneering innovations into the new products.

During the daily inspection of the water content in the raw milk, both devices works extremely quietly. The dynamic cooling system, allows a maximum sample throughput even at ambient temperatures up to 35°C.

The technology granted by our Cryoscope C1, meets the international standards for the determination of the freezing point, and is ISO 5764 / IDF 108 compliant.



**05.25501**  
Cryoscope C1A automat



**05.25500**  
Cryoscope C1 manual

Other main features are:

- Robust and compact design
- Easy to calibrate
- Adjustable amplitude of the stirrer
- Time or plateau mode selectable
- Display in m°C or m°H
- Touchscreen
- Data output to an external printer and/or PC selectable
- Worldwide support via internet possible

## Included in delivery



- 05.5024** Standard 408 – 250 ml
- 05.5025** Standard 512 – 250 ml
- 05.5026** Standard 600 – 250 ml



- 05.5027** Heat Transfer Fluid  
250 ml



- 05.5020** Test tubes 2.0 ml  
with ring mark – 10 pc.

## Optional accessories



- 05.25504 - Set** Thermo printer with USB-RS232-Adapter and printer paper (10 rolls) or **05.25502** Thermo printer with power supply and USB-cable



- 05.25503** USB-RS232-Adapter
- 05.25505** Printer paper– 10 rolls



- 05.5030** Test tube rack of stainless steel for 30 test tubes

## Also included in the accessories

- **05.5028** Coolant solution Coolant C1
- **05.25086** Power cable country specific
- **05.25184** Instrument Setup
- **05.25186** User guide

## Additional optional accessories

- **05.5021** Test tubes 2.5 ml with ring mark – 10 pc.
- **6.235043** Pipette 2.0 ml fixed volume
- **6.258006** Pipette 2.5 ml fixed volume
- **9.411501** Pipette tips 2 ml – 500 pc.
- **9.411449** Pipette tips 5 ml – 500 pc.
- **05.25095** USB-Ethernet- Adapter