



Gerber Instruments

Freezing point determination with the Gerber C1



Gerber Cryoscope C1

Since its foundation in 1892, the company Gerber Instruments manufactures devices for the quality control to the dairy industry. For the daily determination of the water content of the milk, the cryoscope are the basic equipment in every laboratory.

Device versions

- Gerber Cryoscope C1 manual for single samples
- Gerber Cryoscope C1 automat for 12 samples

Applications

- Raw, pasteurized, UHT or sterilized whole milk
- Semi-skimmed milk and skimmed milk (skim milk)



05.25600 Cryoscope C1 manual



05.25601 Cryoscope C1A automat

The Gerber C1A is built tough and has a compact design. The technology of the Cryoscope C1 meets the international standards for the determination of the freezing point ISO 5764/IDF 108.

Specifications

- Extremely quiet
- User-friendly touchscreen
- Easy to calibrate thanks to clear menu navigation
- Data output to an external printer/PC selectable
- Worldwide support via internet possible

Novelty

- Cooling system with heat pipe (without water cooling)

Technical data

Test time	approx. 90 sec (time mode 30 sec)
Sample capacity	Single sample for manual version 12 samples for automatic version with sample changer
Sample volume	2.0 ml or 2.5 ml
Units	m°C or m°H
Resolution	0.1 m°C/m°H
Measuring range	0 to -1000 m°C/m°H
Repeatability	+/- 2 m°C/m°H (1 S.D.)
Ambient temperature	15 to 35 °C with full sample throughput
Power supply	Input 110-240 VAC (50/60 Hz)
Mains unit	Output 24 V/max. 90 W
Dimensions (W x D x H)	28 x 42 x 32 cm (measuring head down)
Weight	11 kg
Warranty	2 years

Standard accessories

05.5024	Standard solution -408 m°C 250 ml
05.5026	Standard solution -600 m°C 250 ml
05.5025	Control solution -512 m°C 250 ml
05.5027	Heat Transfer liquid 250 ml
05.5020	Sample tubes 2.0 ml with ring mark 10 pc.

Optional accessories

05.25504-Set	Printer incl. 10 rolls printer paper
05.5021	Sample tubes 2.5 ml with ring mark
05.5022	Sample tubes 2.0 / 2.5 ml with ring mark
05.5030	Test tube rack for 30 test tubes

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