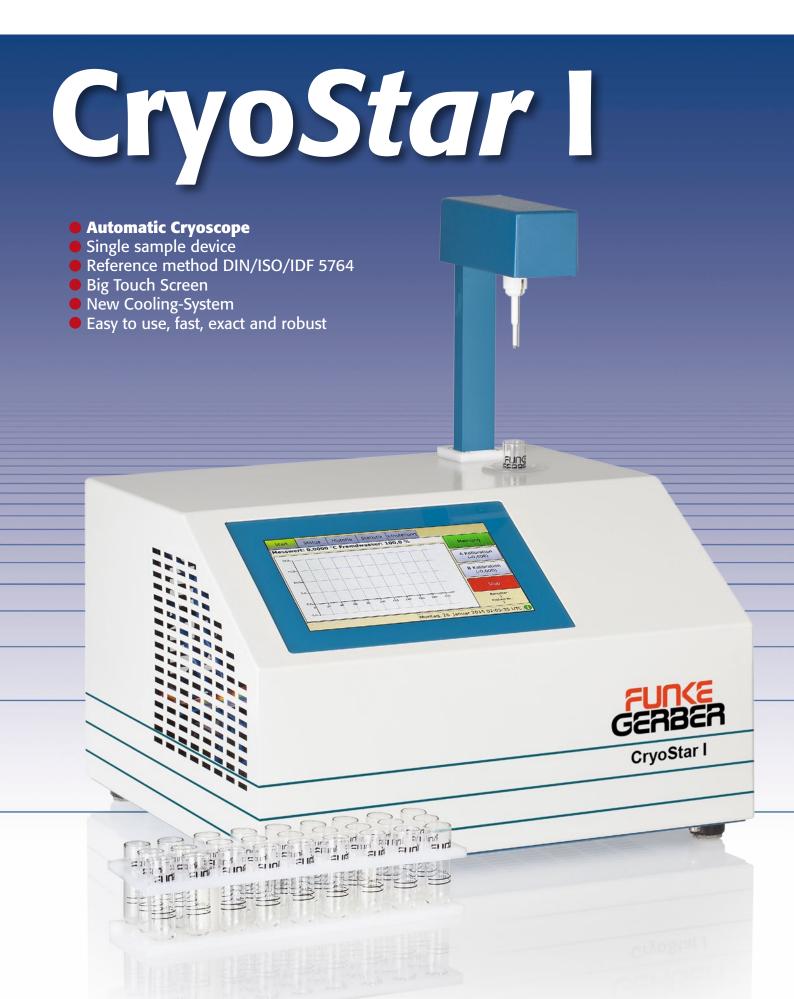
Freezing Point Determination Device made by Funke-Gerber 1000 times tried and tested – exact – robust – reliable





CryoStar I

With the Cryostar the freezing point of milk can be measured quickly and reliably.



Specifications:

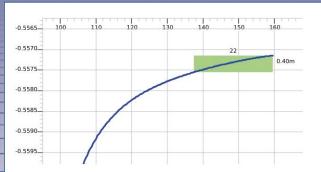
- Designed for the future, flexible: Fixed time measurement, plateau and maximum search functions. You can freely program all relevant parameters. These will of course be recorded. And the CryoStar can also be set to conform with all national and international standards (including future ones).
- Easy to use: The operation is menu guided on the touch screen in the language of your choice. German and English are currently available.
- Sure Performance: The reliable cooling system ensures rapid operational readiness even in high-temperature environments (max. approx. 34°C).
- Fast: Depending on actual setting used, up to 40 samples can be measured per hour.
- Versatile: The CryoStar is equipped with a serial connection for standard printers und an USB port for connections to a PC. Measured values can be saved an an USB-drive for further processing.
- Handy: The CryoStar is small, light and easy to handle.

 The percentage of added water content is directly displayed and printed. The calibration is carried out automatically. All settings and calibration values are retained in a non-volatile memory.

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Technical Data:

Supply:	230V/115 V AC (5060 Hz), 180 VA
Measuring resolution:	0,0001°C (0,1 m°C)
Repeatability:	± 0,0020°C (± 2,0 m°C)
Measuring range:	0,0000°C to -1,5000°C
Sample volume:	2,0 ml to 2,5 ml
Sample rate:	up to 40/h typically 30/h
Interfaces:	2x serial, 2x USB, Ethernet
Cooling-off time:	approx. 15 Min.
Display:	7" graphic color touch display, showing freezing curve, measurement result [°C], [% added water] date, time, measuring conditions
Record Print:	measurement result [°C], [% added water] date, time, measuring conditions



Important: The freezing curve is shown on the graphic display during measuring. This enables the plateau search prescribed by the norm (DIN/ISO/IDF 5764) to be professionally controlled and reproduced.

Ordering Data/Name	Dimensions (W x D x H)	Weight (net)	Art. No.
CryoStar I	34 x 33 x 29 cm	8,7 kg	7150

Accessories/Name	Art. No.	Accessories/Name	Art. No.	Accessories/Name	Art. No.
Thermo-record Printer	7151	Calibration Standard A (0,000°C)	7165	Calibration Standard C (-0,512°C)	7188
Replacement Thermistor	7172	Calibration Standard A (-0,408°C)	7186	Automatic-Pipette, 2 ml	7174
Sample Vials (50 units.)	7167	Calibration Standard B (-0,557°C)	7166	Pipette Tips	7175
Cooling bath fluid, 500 ml	7169	Calibration Standard B (-0,600°C)	7187	rapid freezing tube	7167-A

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