



Fridge-tag® 2 L

Larger and Louder

available now



SWISS Quality

Proven quality combined with new features

A powerful and competitive novelty is the **audible ALARM signal**. The Fridge-tag® 2 L **automatically triggers an ALARM**, if a critical temperature deviation out of the predefined temperature range will be measured. This enables you and your staff to react just in time and avoid serious quality issues while **complying to various regulations**.

Enjoy extended **temperature recording up to 112 days**. The built-in USB connection generates a **secure PDF/A** report with all relevant temperature data presented in a clear and easy understandable manner.

- ✓ Audio ALARM signal intervals for 12 hours
- ✓ Selectable recording duration 28, 56, 84 or 112 days
- ✓ No software needed



Berlinger & Co. AG
Mitteldorfstrasse 2 • CH-9608 Ganterschwil
Phone +41 71 982 88 11 • Fax +41 71 982 88 39
info@berlinger.com • www.berlinger.com

Berlinger USA LLC
222 Turnpike Road, Suite 3 • Westborough, MA 01581 • USA
Phone +1 508 366 0084 • Fax +1 508 366 0087
info.us@berlinger.com • www.berlinger.com

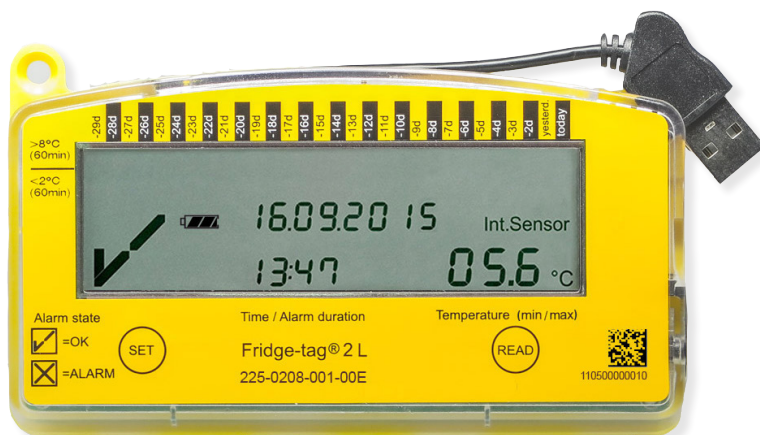


TECHNICAL SPECIFICATION

Fridge-tag® 2 L internal sensor

External dimensions (L x W x H)	128 x 75 x 19 mm	
Storage condition (inactive)	0 °C to +30 °C	+32 °F to +86 °F
Operating temperature	-25 °C to +55 °C*	-13 °F to +131 °F*
Alarm temperature range	-20 °C to +50 °C, in 0.1 °C increments	-4 °F to +122 °F
Alarm indication	visual, optional audible (beeper)	
Logging interval	5 (standard), 10, 15 minutes (factory settable)	
Accuracy of temperature measurement	+/- 0.8 °C from -25 °C to -10 °C +/- 0.5 °C from -10 °C to +40 °C +/- 0.8 °C from +40 °C to +55 °C	+/-1.44. °F from -13 °F to +14 °F +/-0.9 °F from +14 °F to +104 °F +/-1.44 °F from +104 °F to +131 °F
Calibration	Every device is calibrated / NIST / ILAC traceable	
Memory space	30 day overview on display / PDF report length factory settable: 28, 56, 84 or 112 day overview	
Battery	Lithium battery - complies with IATA DGR Packaging Instruction 970-Section 2 and is therefore not considered as dangerous good.	
Protection class	IP64 (external sensor not plugged in)	
Operating lifetime and shelf life	Up to 3 1/2 years (1/2 year storage/3 years useful life). Estimated operating life of the battery is printed on the back.	
Configuration	Pre-set by Berlinger & Co. AG or self-configuration	
Format of the original document	ASCII (it can also be imported by many ERP or data management systems) / PDF	
Free software for verifying PDF and ASCII file	JAVA™ / The software verifies the digital signature of the ASCII and PDF files. FDA regulation 21 CFR Part 11 compliant. Software is compliant with GAMP 5 requirements.	
Standards	ASTM 2500, 21 CFR Part 11, 21 CFR Part 820, ICH Q8/Q9, ANSI/IEEE 829/830/1008, EN 12830, 2002/95 EC Directive (RoHS), EN 61000-4-2/6-2/6-4 EMC, EN/IEC 60529 IP protected classes IATA Regulations	

* for temperatures below 0 °C (+32 °F) we recommend to use an external sensor in order to avoid a shorter battery life. Subjet to change. Please note that all information in this document is correct at the time of publication. Due to our policy of continuous product development, we reserve the right to change this information without prior notice.



Berlinger & Co. AG Tel. +41 71 982 88 11
Mitteldorfstrasse 2 Fax +41 71 982 88 39
9608 Ganterschwil info@berlinger.com
Switzerland www.berlinger.com

Berlinger USA LLC Phone. +1 508 366 0084
222 Turnpike Road Fax +1 508 366 0087
Suite 3 patrick.mcgrath@berlinger.com
Westborough www.berlinger.com
MA 01581

External sensor: „standard“ version



Cable dimension (L x B)	1080 mm x 5 mm	
Weight (cable including vacuum cup)	12 g	
Vacuum cup diameter (condition: pressed down)	41 mm	
Vacuum cup height (condition: pressed down)	15 mm	
Operating temperature	-40 °C to +60 °C	-40 °F to +140 °F
Accuracy of temperature measurement	+/- 0.8 °C from -40 °C to -30 °C +/- 0.5 °C from -30 °C to +40 °C +/- 0.8 °C from +40 °C to +60 °C	+/-1.44. °F from -40 °F to +86 °F +/-0.9 °F from +86 °F to +104 °F +/-1.44 °F from +104 °F to +140 °F

External sensor: „glycol vial“ version



Cable dimension (L x B)	1080 mm x 5 mm	
Weight (cable and filled vial)	22 g	
Vial dimension (L x B x H)	26 x 26 x 34 mm	
Content of biosafe glycol	7 ml	
Operating temperature	-40 °C to +60 °C	-40 °F to +140 °F
Accuracy of temperature measurement	+/- 0.8 °C from -40 °C to -30 °C +/- 0.5 °C from -30 °C to +40 °C +/- 0.8 °C from +40 °C to +60 °C	+/-1.44. °F from -40 °F to +86 °F +/-0.9 °F from +86 °F to +104 °F +/-1.44 °F from +104 °F to +140 °F