

# *Termik+S user manual*

*Precise digital hygro/thermometer*



  
termoprodukt

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**Hygro/thermometer TERMIK+S** is intended for measuring temperature in ranges  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  and humidity in ranges 0% to 100% (RH%). Termik+S may be used to monitor the temperature and humidity during the storage and transport of vaccines, medicine, and food, as well as production and warehousing, etc.

### **Temperature and humidity measurement**

The current temperature and humidity appears on the screen once it is turned on. To turn it on or off press the ON/OFF button.

### **HOLD, MIN, and MAX functions.**

The HOLD function enables to freeze the measured values and keeps it on display until the function is turned off. To use it, press the MIN/MAX button.

The MIN and MAX functions enable to display the highest and lowest measured temperature and humidity values from the moment the device has been turned on.

To check the MIN value press the MIN/MAX button twice, and three times for the MAX value. It will be visible on the left side of the display.

### **Battery change**

When the battery is close to discharge, an „LOBAT” icon will appear on the screen. Its recommended to change battery as fast as the icon pops up, because the device can show wrong values. To change the battery remove two screws located on the back and pry the battery cover off, then replace the battery.



# WARRANTY CARD

It is necessary to present the following card  
for warranty repairs.

.....  
SERIAL NUMBER

.....  
TECHNICAL INSPECTION

.....  
DATE OF SALE

.....  
STAMP AND SIGNATURE



## Calibration

Termik+S data loggers are calibrated using the reference thermometer DTI 1000, serial number 008954-01159, manufactured by Ametek Jofra Instruments, with a declaration of conformity to European Union standards. We declare that the Termik+S thermometer has been

manufactured in accordance with the following standards  
Directive 2006/42/EC  
Directive 2014/35/EU  
Directive 2014/30/EU  
PN-EN ISO 12100:2012  
PN-EN ISO 13857:2010  
PN-EN 349+A1:2010  
EN60335-1:2012  
EN60335-2-40:2004/A2:2009  
PN-EN 55014-1:2017-06  
PN-EN 13486:2004

Parameters	TERMIK+S
Temperature range	-30°C -- 70°C
Humidity range	0 to 100 % RH
Measurement frequency	1 measurement per 5 seconds
Measurement resolution	0.1°C
Accuracy (for PT1000 b class sensor)	-/+0.3°C or better -30°C to 70°C
Accuracy (humidity)	±2 %rh @ 25 °C (30 to 70 %rh)
Battery life (save 15 min. temp. 20°C)	Approximately 10080 hours at 10 °C
Power supply	1/2xAA 3,6V battery
Case dimensions	45x100x19 mm