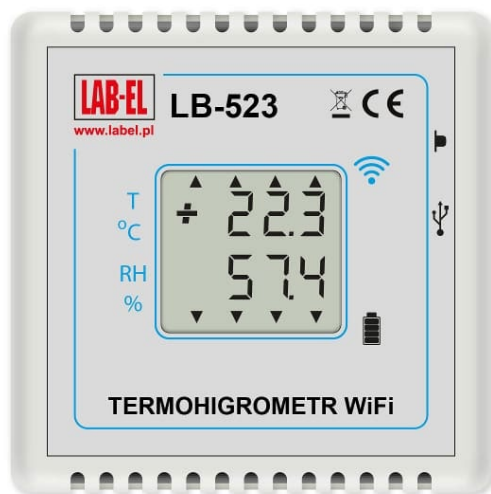


LB-523 - Thermometer and Hygrometer with WiFi Internet

- Temperature recorder - thermograph
- Humidity recorder - hygrograph
- Wireless WiFi connectivity
- Interface USB
- Battery powered
- Support for UDP, DHCP
- A small, sturdy device
- Wide temperature range
- LBX software



TEMPERATURE MEASUREMENT

Temperature measurement uncertainty	+/- 0,1 °C	+/- 1 last digit, in the range -20 .. +60 ° C
Measurement range	-20..+60 °C	internal temperature sensor
Measurement resolution	0,1 °C	

HUMIDITY MEASUREMENT

LB-523 humidity measurement uncertainty	+/- 2.0 %	in the range of 10 ... 90%, +/- 1 last digit
	+/- 4.0 %	outside the range of 10 ... 90%
LB-523 moisture measurement range	10..95 %	for temperatures up to +40 ° C
	10..60 %	for temperatures up to +70 ° C
	10..40 %	for temperatures up to +85 ° C
LB-523H moisture measurement range	0..100 %	for temperatures up to +60 ° C
	0..70 %	for temperatures up to +70 ° C
	0..40 %	for temperatures up to +85 ° C
Measurement resolution	0,1 %	

MEMORY OF MEASUREMENTS, COMMUNICATION

Memory capacity	15,000 records	humidity and temperature
WiFi interface	2,4 GHz IEEE 802.11 b/g	
Number of work channels	13	
Maximum range	100 m	in the open area
	30 m	dependent on local building characteristics and equipment