

# *DT-11/12 user manual*

*Precise resistance digital thermometer*



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**DT-11/12** thermometers are intended for measuring temperatures in the range of - 50°C to 270°C. The devices are equipped with a measurement probe containing PT 1000 or thermocouple sensor. Example usage: measuring the temperature in food industry, laboratories, refrigerators or cold rooms.

### **Turning on the device**

To turn on/off the device, press the on/off button. When the device is turned on, the current temperature, will appear on the display.

### **Charging**

To charge the device, connect it via the micro-USB cable to the charging port. The average charging time for the battery is 1.5 hour.

### **Screen Backlight**

To turn on the display backlight, press the button. The backlight will remain on for approximately 15 seconds.

### **Calibration**

DT11/12 thermometers 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 DT-11/12 thermometers have 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

# WARRANTY CARD

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

.....  
SERIAL NUMBER

.....  
TECHNICAL INSPECTION

.....  
DATE OF SALE

.....  
STAMP AND SIGNATURE



Parameter	DT-11	DT-12
Measurement Range	-50°C to 270°C	-50°C to 270°C
Sensor type	PT-1000	Thermocouple type T
Measurement Resolution	0.01	
Accuracy	±0.05°C (0°C to 100°C)	-/+0.1°C (0°C to 100°C)
Sample frequency of measurements	2 measurements per second	
Battery Life	1440 hours	
Power Supply	Battery power supply 3.7V 400mAh	
Case Dimensions	154 mm x 37 mm x 16 mm	
Display	LCD	
Case Protection Rating	IP65	
Charging port	micro-USB	