

## POCKET DIGITAL THERMOMETER DT-1

High accurate digital thermometer DT-1 can be used in food industry and laboratories to control and measure temperature over the range of  $-50^{\circ}\text{C}$  to  $270^{\circ}\text{C}$  with  $0.01^{\circ}\text{C}$  resolution. DT-1 is perfect solution for temperature control in laboratory, food industry, pharmaceutical industry and to control other devices.

Small size DT-1 features a easy to read display with max/min function, hold function and low battery indication.



DT-1 is as standard supplied with permanently attached ST01-1100 food penetration sharp-tipped probe 3,3x100mm with PT1000 sensor and a one meter length curly cable. Probe easily lances semi-solid products such as fruits, vegetables and cheeses. The probe can also handle liquid and air measurements. Other probe size, length available on request. We manufacture customized probes size for this thermometer.

DT-1 is made of ABS material and it is resistant to dust, dirt and moisture.

Temperature range :  $-50^{\circ}\text{C}$  to  $270^{\circ}\text{C}$   
Operating temperature:  $0^{\circ}\text{C}$  to  $40^{\circ}\text{C}$   
Operating temperature for cable and handle:  $100^{\circ}\text{C}$   
Sensor: Pt1000  
Resolution:  $0.01^{\circ}\text{C}$   
Accuracy: from  $-10^{\circ}\text{C}$  to  $100^{\circ}\text{C}$ :  $- / + 0.07$ ; from  $101^{\circ}\text{C}$  to  $150^{\circ}\text{C}$ :  $- / + 0.15$   
Battery: 1x lithium battery 3.6V (1 / 2AA) included  
LCD : 3 1/2 digits  
Dimensions: 45 mm  $\times$  100 mm  $\times$  19 mm  
Protection: IP65-electronics, IP67-probe  
Measuring probe: diameter 3.3 mm, length 100 mm, other size on request  
Cable length: 1 m, other size on request  
Sensor's cover material: acid-resistant steel 1H18N9T  
Weight: 85 g

