



NAKAYAMA  
Co., Ltd.

**Immersion molten metal thermometer**

# HANDY-THERMO

**Measurement time:**  
**3~4 second**

**Automatic**  
**peak hold**

**Buzzer signal** at after  
the measurement

**Automatic**  
**power off**

**Battery replacement type**

**Battery Powered Thermometer**

**TM-3000**



**Battery powered thermometer**  
**with memory function**

**TM-ZERO**



## TM-3000 TM-ZERO Feature

- Small and light handy type thermometer. Easy measurement of molten metal temperature.
- Auto peak hold with beep sound ensures displaying the max temperature.
- Automatic power-off function (1 minite).
- When the battery on the main unit is low, simply replace it with a charged one.
- Indicator is large red LED.
- Continuous 25 hour operation or up to 1200 measurements (in theory).
- Thermocouple type: B, S, R, K (standard: R) .

## TM-ZERO Feature

- Easy recording of measurement up to 8,000 data.
- Data easily transferred to computer(Provided software).
- Battery is refreshed by a charge residual quantity.

## specification

Type	TM-3000	TM-ZERO
Dimensions	Body : W80× H35×D130 mm Charger : W69× H42×D785 mm	Body : W80× H35×D130 mm Charger : W130× H50×D175 mm
Weight	Body :About 1kg Charger :About 0.3kg	Body :About 1kg Charger :About 1.3kg
Thermo sensor	Type-R thermocouple ( JIS C 1602: 2015 )	
Measurement range	50 ~ 1768 °C	
Accuracy	±(0.3% of rdg + 1°C)	
Resolution	1°C (1°F)	
Reference contact point compensation	±1°C (0 ~ 100°C)	
Indicator	Red LED character size: 14.2 ×10 mm sensor open or upper limit : <b>Er-S</b> batteries are low : <b>Er-P</b>	
Peak hold function	Holds the maximum data of increasing temperature(Buzzer signal).	
Power off function	Switches off the power when increasing temperature is not	
Batteries	Nickel hydrogen cell	
Recharging power source	AC100 ~ 240V	
Accessories	<ul style="list-style-type: none"> <li>• Battery : 2set</li> <li>• Charger: 1set</li> </ul>	<ul style="list-style-type: none"> <li>• Battery : 2set</li> <li>• Charger: 1set</li> <li>• Capture software (CD): 1set</li> </ul>



### The corresponding consumables

Please refer to the catalog of the thermometer consumables.



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