

# Digital Thermometer TC0355

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## Instruction Manual



**Perfect  
Prime**

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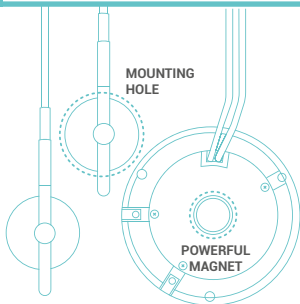


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## 1. FEATURES



### DUAL DISPLAY SOLAR POWERED DIGITAL THERMOMETER

Ideal for Food Processing, Supermarket Showcases, Aquarium, Freezer, Refrigeration, Laboratory, Pharmaceuticals, Air Conditioning and General Use.

### FEATURES:

- Splash proof panel and immersed waterproof probe
- Temperature unit in °C is by default; °F is selectable
- Indicates two reading values in dual LCD display simultaneously
- Two labeled probes are indicated as T1 & T2 respectively. Easy to distinguish while using at different locations
- 4 digit data display module. For example : 150.0°C
- Solar-powered thermometer with a back-up battery
- A powerful magnet attachment is perfect for flat metal surface
- Front panel mounting hole which provided rugged, simple and fast installation



## 2. SPECIFICATION

<b>Measurement Range</b>	-50°C ~ +150°C ( -58°F ~+302°F )
<b>Accuracy</b>	± 1°C; ±1.8°F
<b>Resolution</b>	0.1
<b>Response Time</b>	10 Seconds
<b>Housing</b>	
<b>Material</b>	ABS
<b>Acrylic Lens</b>	Ø 57mm
<b>Whole Size</b>	Ø 75mm Including Front Flange
<b>Panel-cut out size</b>	Ø 51.2 mm x D 20.5mm
<b>LCD Display</b>	
<b>T1 &amp; T2 Dual LCD Display</b>	37mm (W) X 17mm (H)
<b>LCD Size</b>	
<b>Probe</b>	
<b>Material</b>	SUS304
<b>Sensing Element</b>	NTC Thermistor
<b>Size</b>	Ø 4mm X 40mm L
<b>LCD Display</b>	
<b>T1 &amp; T2 Dual LCD Display</b>	Silicone
<b>LCD Size</b>	Ø 2.4mm X 1.5M L
<b>Sucker</b>	Ø 25 mm
<b>Power Supply</b>	1 X 3V CR2032 Battery & Solar Cell
<b>Battery Life</b>	2 Years with Solar Powered



### 3. STANDARD ACCESSORIES

#### 4. ATTENTION

## STANDARD ACCESSORIES

<b>Rubber Gasket</b>	x 1 piece
<b>Battery CR2032</b>	x 1 piece
<b>Sensor Probe</b>	x 2 pieces
<b>Sucker</b>	x 2 pieces

## ATTENTION

- Error Code "LLL" : (1) When sensor short circuit  
(2) When temperature is below  $-50^{\circ}\text{C}$  /  $-58^{\circ}\text{F}$   
"HHH" : When temperature is over  $+150^{\circ}\text{C}$  /  $+302^{\circ}\text{F}$
- Probes work inside the fridge/freezer, not thermometer itself

## CUSTOMER SERVICE INQUIRIES

Your emails are important to us so we strive to reply all inquiries and emails within **24 hours**. In exceptional cases, we may require more time to respond.

Thank you for your understanding.

For more information about our products and services, please send us an email:

**[cs@perfectprime.com](mailto:cs@perfectprime.com)**

For B2B or project-based application, please send an email:

**[sales@perfectprime.com](mailto:sales@perfectprime.com)**

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