

Waterproof RTD Handheld Thermometer 100Ω Probe Included



HH370



Standard
No Points

HH370.

- ✓ NEMA 6 (IP67)
Waterproof Construction
- ✓ NIST-Traceable Certificate
Included (No Points)
- ✓ Selectable Pt100 or
Pt1000 Input
- ✓ Maximum/Minimum/
Average Temperature
Recording
- ✓ Dual Display
- ✓ LCD Backlight
- ✓ °C and °F Selectable



The HH370 is a waterproof, highly accurate handheld RTD temperature meter that uses the dedicated probes RTD-370-PT100 and RTD-370-PT1K. These probes have a water resistant connection and a measurement range of -100 to 300°C (-148 to 572°F). The 100 Ω probe is included with the unit.

Specifications

Accuracy (at 23 ±5°C):

±0.1% of rdg + 0.4°C
(±0.1% of rdg + 0.8°F)

Temperature Coefficient:

For ambient temperatures
from 0 to 18°C and 28 to 50°C,
add 0.01% of rdg + 0.03°C or
0.01% of rdg + 0.06°F

Probe Accuracy:

IEC751, Class A ±0.15°C ±0.002t
(t = measurement temperature)

Resolution: 0.1°C (0.1°F)

Measurement Range:

-100 to 300°C (-148 to 572°F)

Numerical Display: 4-digit LCD

Input Type: Pt100 and Pt1K RTD,
alpha = 0.003850, 4-wire

Measurement Current:

Approximately 0.53 mA

Maximum Voltage at Temperature

Input: 60 Vdc or 24 Vrms AC

Environmental:

Operating Temperature/Humidity:

0 to 50°C (32 to 122°F); 0 to 80% RH

Storage Temperature and Humidity:

-10 to 60°C (14 to 140°F);
0 to 80% RH

Sample Rate: 2 times per second

Battery Life: 100 hours with
alkaline batteries

Battery Type: Three "AAA" (included)

Weight: 175 g (6.2 oz)

Dimensions:

150 H x 66 W x 31 mm D
(5.9 x 2.6 x 1.2")

Connection:

Water resistant 5-pin connector

Overall Temperature Probe Length:

Approx 120 mm (4.72")

304 SS Length: 100 mm (3.94")

Sensor Cable Length:

1500 mm (59.06")

Sensor Diameter:

Approximately 3.2 mm (0.125")

To Order

Model No.	Description
HH370	Handheld RTD thermometer with 100 Ω RTD probe
RTD-370-PT100	Replacement 100 Ω RTD probe
RTD-370-PT1K	Optional 1000 Ω RTD probe

Comes complete with 100 Ω RTD probe, 3 "AAA" batteries, NIST certificate (no points) and operator's manual.

Ordering Example: HH370, handheld RTD thermometer and probe.