

Waterproof RTD Handheld Thermometer 100Ω Probe Included

FF Instrumentation



food | dairy | grain | feed
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HH370



Standard
No Points

- ✓ 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



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

HH370.



RTD-370-PT100 comes with HH370 RTD thermometer.

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:

1100 mm (43.3")

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 |
| SC-800 | Small, soft case |

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, SC-800, soft carrying case.

OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years.