

HI935005 · HI935005N

K-Type Thermocouple Thermometers

- **HOLD**
 - HOLD Function
- **BEPS**
 - Alerts the user of low battery power that could adversely affect readings
- **Battery indicator**
 - Battery life indicator at startup
- **Backlight**
 - Backlit display (N version)
- **Waterproof**
 - Compact, heavy-duty and waterproof

The HI935005 series meters are waterproof, K-type thermometers offering accurate temperature measurements in a wide range, as well as 1600 hours of battery life.

These units display current temperature along with the minimum and maximum values achieved during the measuring session on the LCD.

The HOLD button freezes the display to allow the user time to record readings. The °C/°F button switches between the Celsius and Fahrenheit temperature scale. The CLR button restarts the evaluation of high and low values.

The HI935005N features a user-activated backlight for low or no light conditions. A CAL button allows the operator a simple one-point calibration in an ice bath at 0°C when probe interchange occurs.

The instruments are equipped with BEPS (Battery Error Prevention System), which alerts the user in the event that low battery power could adversely affect readings.

A wide variety of interchangeable probes are available to meet your specific needs. Optional rubber boots are available.



| Specifications | HI935005 | HI935005N |
|-----------------------------|--|--|
| Range | -50.0 to 199.9°C and 200 to 1350°C; -58.0 to 399.9°F and 400 to 2462°F | |
| Resolution | 0.1°C (-50.0 to 199.9°C) and 1°C (outside); 0.1°F (-58.0 to 399.9°F) and 1°F (outside) | |
| Accuracy | ±0.2% f.s. (for 1 year, excluding probe error) | |
| Probe | HI766 series K-type thermocouple (not included)* | |
| CAL Button | N/A | yes |
| Backlit LCD | N/A | yes |
| Battery Type / Life | 1.5V AA (3) / approximately 1600 hours of continuous use (with backlight off); HI935005 only: auto-off selectable after 8 or 60 minutes of non-use (can be disabled) | |
| Environment | -10 to 50°C (14 to 122°F); RH max 100% | |
| Dimensions | 150 x 80 x 36 mm (5.9 x 3.1 x 1.4") | |
| Weight | 235 g (8.3 oz.) | |
| Ordering Information | HI935005 and HI935005N are supplied with batteries, protective case and instructions | |
| Probes | HI766C | Penetration, stainless steel K-type thermocouple temperature probe with 1 m cable |
| | HI766D | Air/gas, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable |
| | HI766E1 | General purpose/penetration, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable |

*K-type thermocouple probes should be ordered separately to meet your specific application.