

**Key<sup>®</sup>** HI 98517 / HI 98518

Pocket-sized  
K-type Thermocouple  
Thermometer

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**SPECIFICATIONS**

**Range**

Key<sup>®</sup> °C (HI98517) -40 to 550°C

Key<sup>®</sup> °F (HI98518) -40 to 999°F

**Resolution**

Key<sup>®</sup> °C (HI98517) 1°C

Key<sup>®</sup> °F (HI98518) 1°F

**Accuracy (@20°C/68°F)**

Key<sup>®</sup> °C (HI98517) ±2°C

Key<sup>®</sup> °F (HI98518) ±4°F

**Typical EMC Deviation**

Key<sup>®</sup> °C (HI98517) ±2°C

Key<sup>®</sup> °F (HI98518) ±4°F

**Response Time**

approx. 20 seconds in water

**Environment**

0 to 50°C (32 to 122°F);  
RH max 95%

**Battery Type / Life**

4x1.5V alkaline / approx. 700 hours

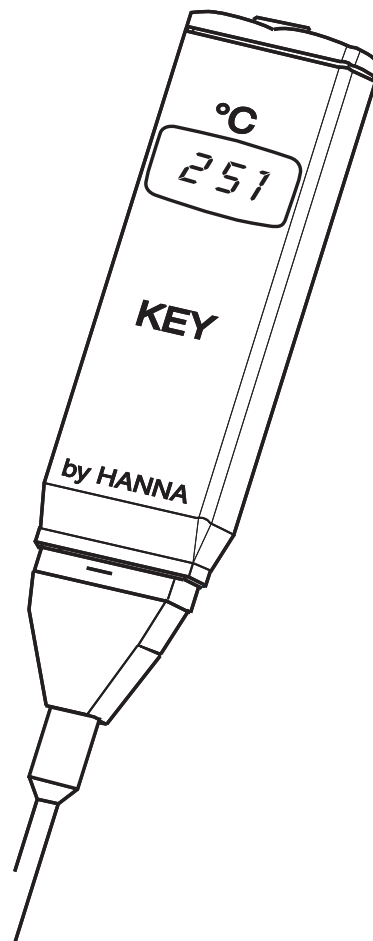
**Dimensions**

175x41x23 mm (6.2x1.4x0.8")

**Weight**

78 g (3.0 oz.)

Key<sup>®</sup> is a registered trademark of "Hanna Instruments"

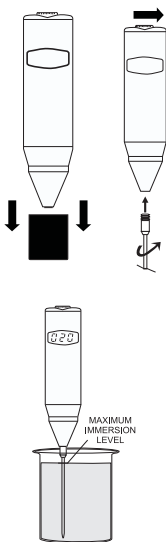


**HANNA<sup>®</sup>**  
instruments

[www.hannainst.com](http://www.hannainst.com)

### OPERATION

- Remove the protective cap and screw the probe to the meter.
- Turn the **Key**<sup>®</sup> on.
- Use the **Key**<sup>®</sup> in the appropriate application. An immersion level of 4 cm (1½") is recommended for liquids. Under no circumstances immerse above the connector. Make sure that the body of the meter is not exposed to high temperatures (above 50°C).

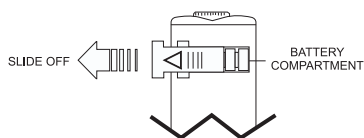


- Wait for the reading to stabilize and, if necessary, change the probe to match your application (see accessories for a complete listing).
- When not in use, switch the **Key**<sup>®</sup> off.
- Do not disconnect the probe unless necessary.

### BEPS & BATTERY REPLACEMENT

**Key**<sup>®</sup> is provided with BEPS (Battery Error Preventing System) that prevents any erroneous reading due to low battery level by switching the meter off.

To replace the batteries, slide off the battery compartment cover and replace all four 1.5V batteries, while paying attention to their polarity.



Batteries should only be replaced in a safe area and using the battery type specified in this instruction manual.

### ACCESSORIES

- HI 98517-11** K-thermocouple probe for air/gas
- HI 98517-12** K-thermocouple probe for surfaces
- HI 98517-13** K-thermocouple probe with sharp tip for penetration of semisolids
- HI 98517-15** K-thermocouple probe with round tip for liquid/general purpose, length 170 mm (6.7")
- HI 98517-30** K-thermocouple probe with round tip for liquid/general purpose, length 320 mm (12.6")

### WARRANTY

This meter is guaranteed for one year against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. Probe is guaranteed for six months. This warranty is limited to repair or replacement free of charge. Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered. If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

**Key**<sup>®</sup> is in compliance with the CE directives.