



A Fluke Company



KM400 Waterproof Thermometer

The KM400 Waterproof Thermometer is a cost effective, digital, pen style thermometer for the busy commercial kitchen featuring a thin tip for fast response times.

The pen-style KM400 Waterproof Thermometer is yellow, a recognizable color, in food service kitchens.

The KM400 Waterproof Thermometer has a 1.5mm thin tip for a fast response together with a hold feature on the thermometer which enables the user to temporarily fix the reading on the screen while they note a measurement.

Features:

- Auto Power Off
- Data Hold
- [BioCote Antimicrobial Protection](#)
- [NSF Listed](#)
- Color-coded for food safety
- Thin tip probe for fast response
- Easy-to-read LCD readout
- Has on/off button
- 2.75" (75mm) stainless steel stem
- Storage sheath with clip
- 1.5volt battery included

Operating Instructions

Press the **ON/OFF** button to start or stop the operation of the **KM400**. The unit will automatically power off after 35 minutes to save battery life. Low battery is indicated by **LOB** blinking alternately with a reading. Replace the **(AB13)** (1.5v LR44) battery immediately.

Switching Between °C and °F

With the unit off, hold the **ON/OFF** button and the display will alternate between °F and °C. Release the **ON/OFF** button when the desired mode is displayed.

Data Hold Function

To hold a displayed reading, press the **D-H** (Data hold) button. The reading will flash when the Data Hold is in operation. Press the **D-H** (Data hold) button again to return to normal operation.

Battery Replacement

Use a coin to open the case. Replace with an **(AB13)** (1.5V LR44) battery and re-seat the case.

Field Calibration Procedures

1. The KM400 is only calibratable in a slush ice solution (60% crushed ice and 40% tap water) or a water bath. Do not attempt to calibrate in any other manner
2. Immerse the stem of the thermometer to at least 1/2 length in the slush ice solution
3. Wait for the reading to become stable (usually $\pm 1^\circ$ of 0°C / $\pm 2^\circ$ of $+32^\circ\text{F}$)
4. Press and hold the D-H button for 8 seconds to begin calibration
5. CAL will be displayed for two seconds and calibration at 0°C / $+32^\circ\text{F}$ is completed
6. Remove the thermometer from the ice water and continue to take measurements

Note: CAL will be displayed any time the D-H key is pressed for 8 seconds, but the thermometer will not be re-calibrated unless the tip is inserted in ice water