The PCE-780 thermometer is a non-contact infrared thermometer. There are many mathematical modes for the Infrared function. Please remember to keep away from children and don't use it for safety related applications.

**FUNCTION**

Press Mode key (②) for scrolling more display function as follows.

- **Press Mode key (③)**, then press Up key (⑤) or Down key (③) to set the emissivity, then press Mode key (④) to confirm it. The emissivity can be changed from 0.1(0.05 to 1.00).

- **Press Mode key (①)** for the Maximum (MAX), Minimum (MIN), Different between MAX and MIN (DIF) and Average (AVG) modes. During the measurement, the special modes reading will be displayed beside the mode icon.

- **Press Up (②) or Down key (③)** to change the High Alarm (HAL) or Lo Alarm (LAL), then press Meas. key (⑧) to confirm it. When the reading is outside the High Alarm (HAL) or Lo Alarm (LAL) limit, the High or Low icon will flash and you will hear a beep sound.

- **Connect the thermometer with Thermocouple socket (⑤) and put the probe in/on the target, the thermometer will display the temperature automatically without pressing any button.** To see the minimum or maximum data during the probe measurement, please hold down the Up key (②) or Down key (③).

- **After measure high temp, the probe may remain HOT for a while.**

- **Press Mode key (③) for the RH% Mode, then press Up key (⑤) for DBT (dry bulb temperature), DPT (dew point temperature), WBT (wet bulb temperature) modes. During the measurement, the special modes reading will be displayed beside the mode icon.

**ADD VALUE**

In E, MAX, MIN, DIF, AVG, mode:

- **Press Up key (②) for LOCK mode ON/OFF.** The lock mode is particularly useful for continuous monitoring of temperatures for up to 60 minutes.

- **Press Down key (③) for °F or °C transferred.**

- **In all modes: First hold on the Meas. key (③) and press Up key (⑤) for backlight function ON/OFF.**

- **Press Down key (③) for laser function ON/OFF.**

**EMC/RF: Readings may be affected if the unit is operated within radio frequency electromagnetic field strength of approximately 3 volts per meter, but the performance of the instrument will not be permanently affected.