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**UNI EN ISO 9001:2008**

## CEAM Control Equipment srl

### Headquarters:

Via Val D'Orme No.291

50053 Empoli (FI) Italy

Phone (+39) 0571 924181 - Fax (+39) 924505

Skype Name: ceam\_info

General Email: [info@ceamgroup.it](mailto:info@ceamgroup.it)

Customer Service: [sales@ceamgroup.it](mailto:sales@ceamgroup.it)

### Web

Group: [www.ceamgroup.com](http://www.ceamgroup.com)

Instrument Dep: [www.ceamcontrolequipment.it](http://www.ceamcontrolequipment.it)

Support: [www.ceamsupport.it](http://www.ceamsupport.it)

### Local Reseller:



# IF95

Dual Tech Thermometer  
IF Non Contact + Probe  
Ideal for Food Safety Applications



Short User Manual  
Version 1.0  
File: IF95\_UK\_M2

### 1 - DESCRIPTION

This instrument combine non-contact infrared thermometer and probe thermometer it can measure the surface and inside temperature of object, professional in food measurement

### 2 - SPECIFICATION

IF Range (Infrared): -40÷280 °C (-40÷536 °F)

Probe Range: -40÷230 °C (-40÷446 °F)

IF Accuracy: Range -40÷20°C (-40÷68.0 °F) = ±3°C (5,4°F)

Range 20÷280°C (68.0÷536°F) = ±1% ±1°C

Probe Accuracy: Range 0÷230°C = ±1% ±1°C - ±2°C Sotto 0°C

Resolution: 0.1

Repeatability: <1°C

Response Time: <500 ms

IF Optical Rate D/S: 4:1 (Distance: Target Diameter)

Housing: IP.65 - Waterproof

Power Supply: 2X Batterie AAA Size

## 3 - IF.95 Legend

### General

- 1 - IF Infrared Sensor
- 2 - LCD Backlight Display
- 3 - SCAN Button
- 4 - Lighting Button
- 5 - SET Button
- 6 - Retractable Probe
- 7 - Lighting LED

### Display

- 1 - IF Measure Symbol (NON Contact)
- 2 - IF Measure HOLD
- 3 - Temperature Unit
- 4 - Measure Data
- 5 - Low Battery Symbol
- 6 - Probe Symbol
- 7 - Hi/Low Alarm Symbol



## 4 - Instruction

### 4.1 IF Measure (Infrared)

A - Press SCAN button and point it toward the surface to be measured. The display will light if the battery is good. Replace the battery if the display does not light.

B - While measuring, the scan symbol will appear in the upper left hand corner LCD

C - Release the SCAN button and HOLD display icon will appear on the LCD indicating that the reading is being held.

D - The meter will automatically power down after approximately 7 sec. after the button is released

### 4.2 Probe Measure

A - Put down the probe, the LCD will display the probe temperature

B - While measuring, the probe measure icon will appear in the down of the LCD

C - Close probe, the probe will power off the meter

### 4.3 Change Temperature Unit °C/°F

Press the SET button five times, the C/F symbol will flash, then press the LIGHT or SCAN button to change the unit. Press SET to confirm

### 4.4 SET Alarm

A - Press SET button one time to set high alarm value, pressing SCAN button to up the value and press LIGHT button to down the value.

B - Press SET button two times to set high alarm ON/OFF, pressing SCAN or LIGHT button to switch ON/OFF the high Alarm

C - Press SET button three times to set Low Alarm value, pressing SCAN button to up the value and LIGHT button to down the value.

D - Press SET button four times to set Low Alarm On/Off, pressing SCAN or LIGHT button switch On/Off the High Alarm.

### 4.5 Note

A - Instrument is IP.65, probe can be cleaned, but can not make steam and smog into infrared induction region, or it will affect the accuracy.

B - Please do not take down the probe

## 5 - Maintenance

A - Clean the housing with soft cloth, do not let any liquid in to IF induction region

B - Clean the probe Before/After using the probe or disinfect it with water or cleaner

C - Use monthly CEAM C430 Blackbody calibration to verify the calibration

## 6 - Battery Replacement

Open the battery cover, remove the battery, put in the new 2 x AAA Battery and close the battery cover

