



# MEXTECH™

INSTRUMENTS OF TOMORROW

## INFRARED THERMOMETER DT8811



### **APPLICATION:**

IR Thermometer Measure the surface Temperature of an object. The Units Optics Sense Emitted, Reflected & Transmitted Energy.

### **SPECIFICATION:**

Display : LCD Color Display With Back Light.

Measuring Range :-  $-50^{\circ}\text{C}$  -  $580^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  -  $1076^{\circ}\text{F}$ )

Accuracy :- ( $\pm 3^{\circ}\text{C}$ )  $-50^{\circ}\text{C}$  To  $0^{\circ}\text{C}$  , ( $\pm 5^{\circ}\text{F}$ )  $-58$  to  $32$  F

$0^{\circ}\text{C}$  TO  $580^{\circ}\text{C}$   $\pm(1.5\%+1^{\circ}\text{C})$ ,  $32\sim 1076^{\circ}\text{F}$   $\pm(1.5\%+5^{\circ}\text{F})$

Resolution :-  $0.1^{\circ}\text{C}(0.1^{\circ}\text{F})$

Emissivity :-  $0.01\sim 1.00$  adjustable (step 0.01)

Repeatability :  $\pm 0.5\%\sim \pm 1^{\circ}\text{C}(2^{\circ}\text{F})$

Response Time : Less than 500ms 8 TO 14um

Distance Spot Ratio :- 12 : 1

Laser aiming : Less than 1mW 650nm, Laser grade II

### **FEATURES:**

- Data Hold Function
- Low Battery Indication
- °C & °F Selectable
- Alarm For High & Low Temperature.
- “ MAX” , “MIN” Temperature.
- Reading Hold OR Auto Power Off : Reading will Hold for 30 Seconds after releasing Trigger & after 30 : Meter will Auto Turn Off.
- Operating Temperature & Humidity : 0°C to 50°C, 10 ~ 95% RH
- Power supply: 1.5V x2 AAA Battery
- Display Size : 30 X 30 mm
- Unit Size : 138 X 102 X 45 mm
- Weight : 107 gm
- Accessories : Instruction Manual , 1.5V x2 AAA Battery, Carrying Pouch.

