

## Product ID: CL 327

### CL 327 Temperature Calibrator ( CL 327)

1. 11 types of thermocouples
- 2 .K,J,E,T,R,S,N,L,U,B and C
3. C and F with 0.1 deg C and 0.1 deg F resolution
4. Internal and external temperature reference
5. Delta T input, Delta T increment, and delta T decrement
6. Easy Just-type-in-number operation

## Specifications:



CL 327

- Temperature Reference
  - External Temperature Reference
  - (0.1deg C, 0.1 deg F Resolution, 100 Ohm Output Impedance. )
  - Type Deg C & F
  - Thermocouple Type K, J, E, T, R, S, N, L, U, B, C & mV measurement
  - Range Typical Accuracy
  - K: -200~1370 C , -328~2498 F +/- 0.4 C, +/- 0.7 F
  - J: -200~1050 C, -328~1922 F +/- 0.4 C, +/- 0.7 F
  - E: -150~800C, -238~1472 F +/- 0.4 C, +/- 0.7 F
  - T: -200~400 C, -328~752F +/- 0.4 C, +/- 0.7 F
  - R: 0~1760 C, 32~3200 F +/- 0.5 C, +/- 0.9 F
  - S: 0~1760 C, 32~3200F +/- 0.5 C, +/- 1.0 F
  - N: -200~1300 C, -328~2372 F +/- 0.4 C, +/- 0.7 F
  - L: -200 ~ 900 C, -328~1652 F +/- 0.4 C, +/- 0.7 F
  - U: -200~600 C, -328~1112 F +/- 0.4 C, +/- 0.7 F
  - B: 600~1820C, 1112~3308F +/- 0.5 C, +/- 1.0 F
  - C: 0~2310, 32~4190 +/- 0.5 C, +/- 0.9 F
  - mV: -9.999~60 10 uV
  - Accuracy +/- 0.3 \*C ~ 0.9\*C ( K,J type -100\*C ~1000\*C +/- 0.4\*C)
  - -9.999mV /60 mV: 10 uV
  - Resolution 0.1\* C , 0.1\*F
  - General



- Battery Type 9V Alkaline Battery (External Power Input 9 - 15V)
  - Display 4 + 5 Digits
  - Operating Temperature 0 to 50oC ( 32 to 122 oF)
  - Operating Humidity Less than 85% relative
  - Storage Temperature -20 to 60oC (-4 to 140 oF)
  - Storage Humidity Less than 85% relative
  - Dimension 3.46" x 6.61" x 1.03" (88 x 168 x 26 mm )
  - Weight 11.63 oz / 330g
  - Accessories Carrying case x 1 ,Users Manual x 1, K type thermocouple connector
  - External Battery Pack (without batteries), 9 V battery x 1
- General Specification
    - Battery Type: 9V Alkaline Battery
    - Power Consumption: 60mA - 180mA (depends on output)
    - Low battery: 5.5V at 150mA Load
    - Display: 4 and 5 Digits
    - Operating Temperature: 0 to 50 deg C ( 32 to 122 ºXF)
    - Operating Humidity: Less than 85% relative
    - Storage Temperature: -20 to 60 deg C (-4 to 140 deg F)
    - Storage Humidity: Less than 85% relative
    - Dimension: 88 x 168 x 26 mm (3.46" x 6.61" x 1.03")
    - Weight: 330 g / 11.63 oz
    - Accessories: Carrying case x 1
    - Users Manual x 1
    - K type thermocouple connector
    - External Battery Pack Holder
    - 1.5V AA Batteries x 6

Test leads with Alligator clip x 1