

**Applications:**

*Diesel and Fleet Maintenance, roller bearing, rotating Machines, Electrical, Asphalt, Measure Ink and Dryer Temp. (Screen Printing), HVAC/R Automotive, In-Process Temperature Measurement, Fire And Safety, Plastics Molding, Marine and RV, Food Safety.*

**Model 8868**



**Specifications:**

- Ergonomic design for easy use.
- Equipped with laser dot for easy target aiming.
- Dimensions: 170x44x40 mm.
- Display: Large Digital LCD
- Backlighting for viewing in dark areas.
- Temperature Measurement Range : -20 to 420 °C.
- Emissivity : 0.95 . Fixed. For general Temperature Measurement.
- Repeatability :  $\pm 1$  °C , 1°F.
- Spectral Response 6-14  $\mu\text{m}$ .
- Response Time : 500 mS.
- Automatic power off after 5 second use. Conserve battery.
- Range : 5 to 8 meters distance.
- Accuracy: -20 °C to 100 °C :  $\pm 2\%$ . Or 2°C
- 101 °C to 420 °C :  $\pm 3\%$ .
- Battery: 9V.
- Weight: 150 gram.
- Warranty: 2 Years.!
- Accessories : Padded case, Battery, User Manual in Thai/English Language, Certificate of Calibration 3 points.

**Tips for Maintenance.**

Use 8868 for measuring bearing Temperatures, and record each point because temperature increases are the surest way to detect faults.