

## LABWAN LDIT-51 Digital Infrared Thermometer

### Product Description

The LABWAN LDIT-51 Digital Infrared Thermometer is a compact, durable and easy-to-use infrared thermometer for safe, non-contact surface temperature measurement. It can measure high-heat, dangerous and difficult-to-reach objects within 1 second using laser pointers.

### Features

- Backlight LCD display
- Over range Indication
- Data hold function
- High Low Temperature Alarm
- Low Battery Indicator
- Auto Power Off: After 7 second
- Power Supply: 9V battery x 1pc
- Dimension & Weight: 192 x 95 x 63
- Accessories: Operational Manual, Carrying Case, 9V Battery& Stand

### Applications & Uses

- Plant / General Maintenance
- Cooling and Reheating
- HVAC/R
- Servicing Area
- Transportation / Automotive
- Food Service Equipment



## Technical Specifications

| Specification         | Details                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Product Name          | Digital Infrared Thermometer                                                                                      |
| Model Number          | LDIT-51                                                                                                           |
| Temperature range     | -50 °C to 1800 °C (-58 °F to 3272 °F)                                                                             |
| Accuracy              | ±3% of rdg ±3°C, -50°C to 0°C (-58°F to 320°F) & ≥100 (2120°F)<br>±2% of rdg ±2°C, 0°C to 100°C (321°F to 2120°F) |
| Distance coefficient  | 50:1                                                                                                              |
| Emissivity            | 0.1 ~ 1.0 Adjustable                                                                                              |
| Resolution            | 0.1°C/°F <1000, 1°C(1°F) >1000                                                                                    |
| Repeatability         | 1% of reading or 1°C                                                                                              |
| Response Time         | <250msec, 95% response                                                                                            |
| Spectral Response     | 8-14um                                                                                                            |
| Operating Temperature | 0°C to 40°C (32°F to 104°F)                                                                                       |
| Storage Temperature   | -20°C to 60°C (-4°F to 140°F) without Battery                                                                     |
| Relative Humidity     | Operating : 10-95% RH, Storage : 10-95% RH                                                                        |