



**AutoTest®**

# InfraRed Camera



Electric vehicles



Hybrid vehicles

The AutoTest InfraRed Camera is a compact thermal imaging solution designed to quickly identify temperature-related issues across a wide range of applications. Ideal for maintenance professionals, inspectors and technicians, it combines infrared thermography with a visible light camera to support fast fault detection, preventative maintenance and accurate diagnostic investigations.

## Compliant with:

- All Australian state and territory regulations
- ISO 18434-1

## Why Choose The AutoTest InfraRed Camera

- Fast identification of temperature-related faults and anomalies
- Dual-camera design combines thermal and visible light imaging
- Automatic hot and cold spot tracking for efficient inspections
- Rugged IP65-rated design for demanding field environments
- Backed by local support, calibration and service in Melbourne



Learn More About  
The AutoTest InfraRed  
Camera



## Thermal Imaging in 3 Easy Steps

- 1 Scan the Asset**  
Aim the AutoTest InfraRed Camera at the equipment, component or area being inspected.
- 2 Detect Potential Issues**  
Identify hot spots, cold spots and abnormal temperature patterns in real time.
- Record & Report**  
Save thermal images and review results to support diagnostics, maintenance and fault-finding activities.

**AUTO  
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**Calibration interval: 12 months**



**Warranty: 12 months**

Note: Outer appearance and specifications are subject to change without prior notice





### Standard Inclusions

- ✓ USB charging cable
- ✓ Declaration of Conformity
- ✓ Screen cloth
- ✓ Black case
- ✓ Strap

### Product Specifications

#### Physical Characteristics

- **Weight:** 0.54kg
- **Dimensions:** 238 × 95 × 86mm
- **Protection Rating:** IP65

#### Thermal Imaging

- **Thermal Resolution:** 120 × 90 pixels (10,800 pixels)
- **Thermal Sensitivity:** <60mK
- **Spectral Response Band:** 8 – 14μm
- **Field of View:** 50° × 63.4°

#### Temperature Measurement

- **Measurement Range:** -20°C to 400°C
- **Accuracy:**
  - ±5°C (-20°C to 0°C)
  - ±3°C (0°C to 100°C)
  - ±5% (100°C to 400°C)
- **Measurement Distance:** 0.1m to 9.0m
- **User Adjustable Emissivity:** 0.01 – 0.99

#### Storage & Connectivity

- **External Storage:** Micro-SD card
- **Communication Interface:** USB-C
- Image capture and storage
- PC transfer capability

#### Power

- **Battery:** 5000mAh rechargeable lithium battery
- Automatic power-off function



### Want a More Complete Testing Solution?

Get the AutoTest EV Kit!

- AutoTest Carbon Monoxide Tester
- AutoTest InfraRed Camera

