INSPECTION & CALIBRATION

The FLIR Service Department’s exclusive 14-point inspection and calibration program uses temperature references that are calibrated annually and traceable to the SP Technical Research Institute of Sweden or the National Institute of Standards and Technology. All FLIR service centers are certified according to ISO 9001:2015 (Nov. 2016). In addition, FLIR service technicians use proprietary software for calibration that is only available to FLIR—not to any outside service centers.

FLIR service technicians perform full calibrations and make adjustments needed to ensure correct measurement functions. The goal is to both control measurement accuracy and return the system with 100% correct readings.

FLIR Service relies on genuine FLIR spare parts and accessories when making repairs to ensure consistent performance. Service technicians also update firmware to the latest version in order to improve functionality and often, provide added features.

Our goal is to return the camera within a maximum of five working days.

THE 14-POINT INSPECTION & CALIBRATION INCLUDES:

- Performing a complete operational check.
- Calibrating and aligning thermal and visual cameras for MSX®, when applicable.
- Verifying all internal cable and PCB connections.
- Cleaning the viewfinder and checking optics.
- Upgrading internal camera software to latest revisions.
- Performing minor repairs.
- Verifying and/or re-equalizing temperature ranges for image uniformity.
- Verifying standard lens calibration (others or special engineered lenses; optional).
- Verifying ambient temperature compensation, as needed.
- Recalibrating to ensure the camera meets factory specification.
- Calibrating temperature ranges up to 1,500°C, when applicable.
- Performing quality approved acceptance test procedure.
- Providing calibration label with next due date.
- Inclusion of calibration certificate (optional, extended calibration certificate with measured values).

Why Choose FLIR
Annual Calibration & Service

Each FLIR thermal imaging camera leaves the factory with the optimum built-in sensitivity, resolution, and reliability. Annual maintenance and calibration are key to maintaining high performance. When these routine services are ignored, your risk of inaccurate measurements increases.
When you rely on a specific piece of equipment to earn your living, the manner in which service issues are handled is key. FLIR Service went the extra mile to solve my problem quickly, professionally, and delivered 110%. They are special people who know the impact of the problems they deal with. They are to be commended!

Dale Garber, Dynascan Technical Services