

# MARPOSS

## PREVENTIVE MAINTENANCE AND PERIODIC CALIBRATION OF TOTAL THERMAL VISION

CALIBRATION



**MARPOSS**  
CARE

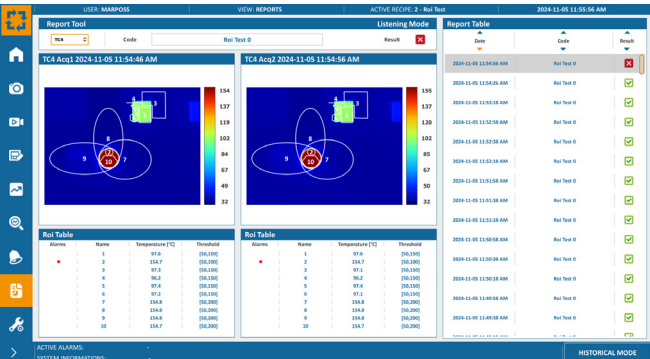
Evaluate the performance of measurement equipment over time is fundamental to verify the reliability of measurements results.

TTV is an innovative infrared vision system designed to monitor the surface temperature of the die during the die casting processes of light alloys by high pressure, low pressure or gravity. The thermal map detected by the thermographic cameras installed in the machine using images captured always under the same processing conditions, without interrupting the cycle, provide greater awareness of the process and its optimisation.

The primary goal of Marposs Care is to offer manufacturers a comprehensive monitoring solution that allows for proactive maintenance and minimizes downtime of your TTV. Our team of skilled technicians with the required service tools will conduct thorough inspections and assessments to ensure that your equipment remains in optimal condition.

SERVICE OVERVIEW

The Marposs Care service for TTV service includes the following key operations:



- **Thermal Inspection:** Our technicians will perform a detailed analysis of your equipment, identifying temperature anomalies that could indicate underlying issues.
- **Calibration:** Check of the metrological performance for each camera through a specific Service SW Tool and dedicated master, ensuring that the system is calibrated correctly.

Overall check of the equipment:

- COOLING SYSTEM
- AIR CLEANING
- SHUTTER OPERATION
- ACCURACY TEST



At the conclusion of the intervention, we will provide you the **CALIBRATION REPORT**, indicating whether TTV is compliant with its specifications and if thermal measurements are accurate and reliable, or if corrective actions need to be taken.

Ensure the compliance of your Marposs TTV with our Preventive Maintenance & Calibration service program to optimize your production capacity and reduce costs!

AFTER SALES SERVICE

A Global network with local approach:  
You can count on skilled experts/Service personnel among the Marposs global network

