

Transversal competencies



Intraspec is specialised in defect analyses, defect localisation, reliability and qualification of electronics, optoelectronics, optical components and assemblies as well as in the entry control and electromagnetic compatibility.

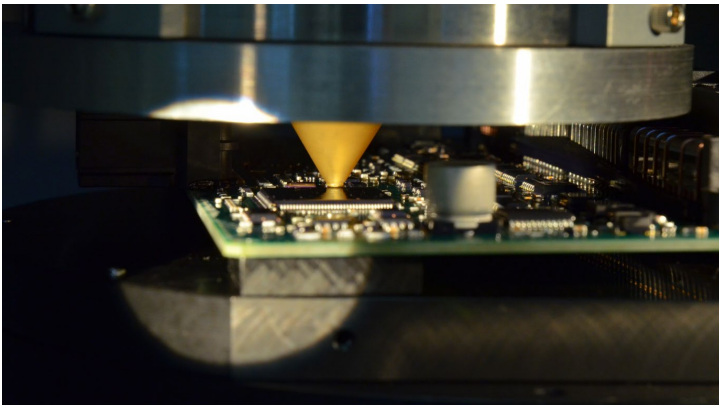
COMPETENCIES & CAPABILITIES

Electrical and electro-optical characterizations of electronics, optoelectronics and optical components.

Reliability of electronics, optoelectronics and assemblies for space application (eg optocouplers, LEDs, Lasers, High-voltage MCP).

Defect localisation using non destructive techniques (Magnetic microscopy, Lock-in Thermography) and technological inspections (Micro electronics, FIB).

Destructive Physical Analyses.



SQUID Sensor analysing the current track on assembled PCB (Magnetic microscopy)

INTRASPEC TECHNOLOGIES

PRODUCTS & SERVICES

Failure analysis: we have an advanced and transversal expertise to design, follow and present a complete failure analysis. From failure characterization, non-destructive localization up to destructive physical analysis we help you determine the root cause of your defect.

Entry control: we provide bespoke services to control your components, PCBs and assemblies amongst which functional tests, product performances validation, construction analysis, visual inspection, burn-in, counterfeit detection,...

Reliability: we support you in assessing your product in terms of performance, cost, quality and reliability using optimized test plan definition, custom test bench development, accelerated life tests execution, ageing data analysis and early failure prevision.

Qualification: we perform qualification tests for your components including radiation tests and radiation effects simulated with pulsed laser.

MAJOR SPACE PROJECTS & REFERENCES

Here are a couple of our main space projects:

- Stack laser of the Supercam of the Rover
- LEDs of the camera for the MMX Rover
- High voltage optocouplers for Juice and Solar orbiter missions
- Analyses of the calibration lamps of Microcarb
- Magnetic measures of the micro valve of a chromatograph system for Dragonfly
- Taranis (photomultipliers)
- Defect analyses on the cables of CSO and CERES.

POINT OF CONTACT

ADDRESS 20 avenue Didier Daurat
31 400 Toulouse France

WEBSITE www.intraspec.com

PHONE +33 (0)9 72 42 24 74

POINT-OF-CONTACT : Craplet, Anne-Claire, Sales Engineer

anneclaire.craplet@intraspec.com, +33 (0)6 51 49 01 79

WORK FORCE 11 employees