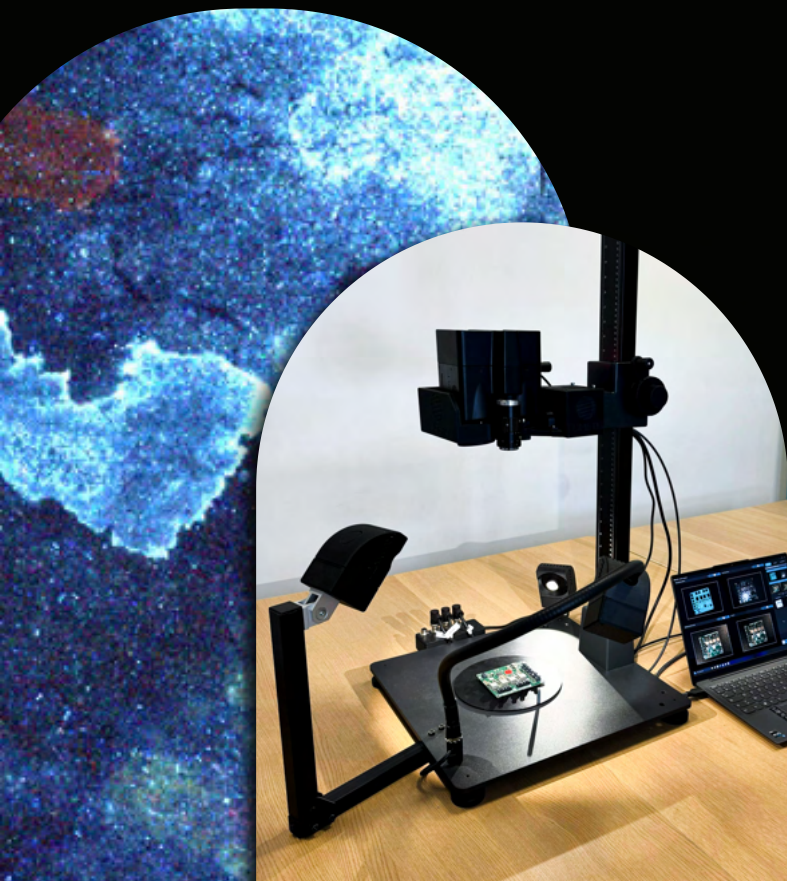


METISCOPE®

Multi-scale Multimodal
Optical Inspection Camera



BOOST
your everyday
inspections



LUMETIS

THE TOOL THAT UPGRADES YOUR VISUAL INSPECTIONS

Metiscope® is the only multimodal and multi-scale optical inspection device on the market.

A true multifunctional, handheld laboratory, delivering **perfectly reproducible** images **instantly** and **without contact**, wherever you are.

Featuring unique lighting and detection technologies, coupled with innovative analysis and visualization tools, Metiscope® drastically **improves your daily inspections, making them faster and more powerful.**



Multimodal Imaging with unparalleled detection capabilities

Fluorescence, multispectral, reflectance, dark field imaging



Micro and macro-scale inspection of objects of all sizes (mm² to m²)



Reproducible scientific analysis



Instant and In-Situ acquisitions



Independent of ambient light



Innovative software applications to explore and analyze your samples



Spatial resolution up to 3μm



Dimensional measurement tool and magnification up to 100X (compliant with IPC 610, ...)



Versatile setup for in-situ observation of large or fixed samples.

MORE THAN A CAMERA A NEW APPROACH TO OPTICAL INSPECTION

Fluorescence imager, multispectral camera, pocket microscope...
Metiscope® is not just a camera.

Designed by users, for users,
Metiscope® is the foundation for a
new generation of tools for optical
inspection and analysis: more
versatile, agile, and reliable.

Designed for total flexibility and future
growth (optional optical accessories
available), it adapts seamlessly to your
most challenging observation and
analysis needs.

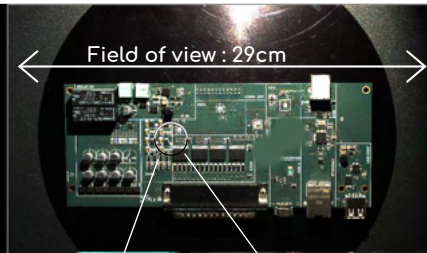
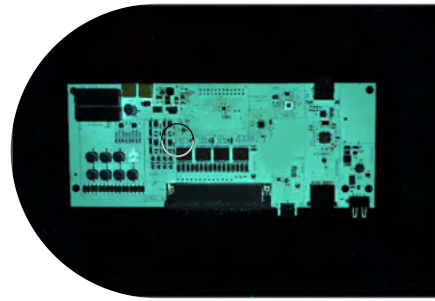


- | | |
|--------------------|-------------------------|
| Quality control | Product assurance |
| NDT | Materials and processes |
| Contamination | Traceability |
| Visual inspections | Qualification |
| Entry control | Maintenance |
| Expert | Research |

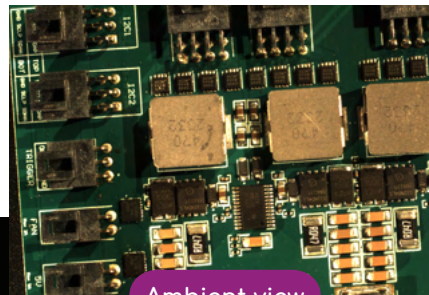
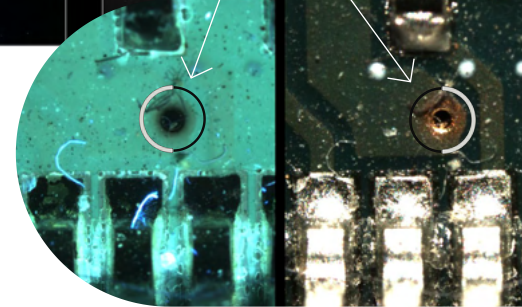
SPACE / AERONAUTICS / ART / DEFENSE /
ELECTRONICS / OPTICS / NRBC / RESEARCH / LABS

DETECT INVISIBLE DEFECTS

Thanks to patented technical innovations in lighting and detection, you can localize and discriminate materials and elements undetectable by the naked eye or current devices.



Seamlessly switch from full-field viewing to high-precision micro-inspection.

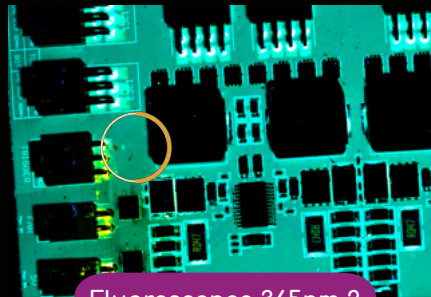


Ambient view

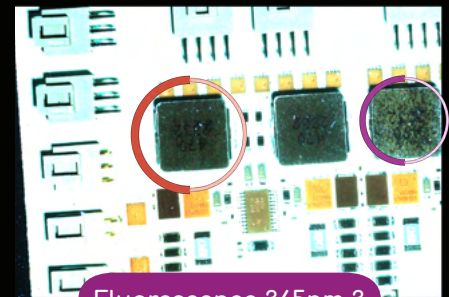
Enhanced inspection with Metiscope® :



Fluorescence 365nm 1



Fluorescence 365nm 2

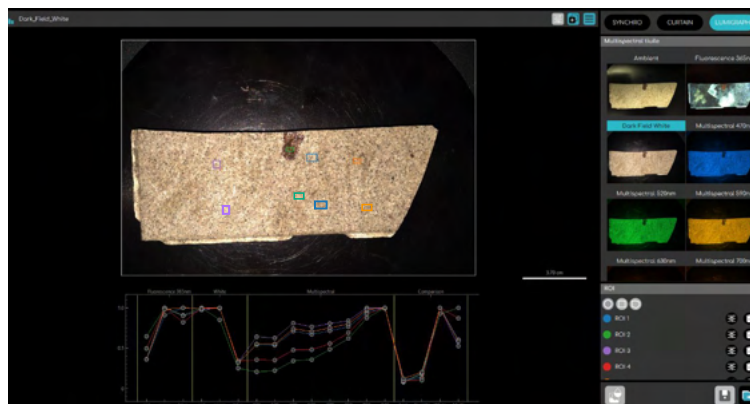


Fluorescence 365nm 3

○ Reworked area ○ Flux residues and contaminations ○ Marking anomalies ○ Packaging anomalies

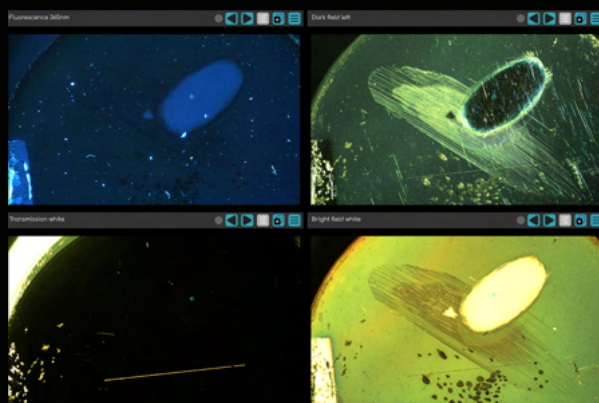
SEE DIFFERENT

All our instruments feature a simple, intuitive user interface, enabling rapid data acquisition and innovative means of interpreting your images.

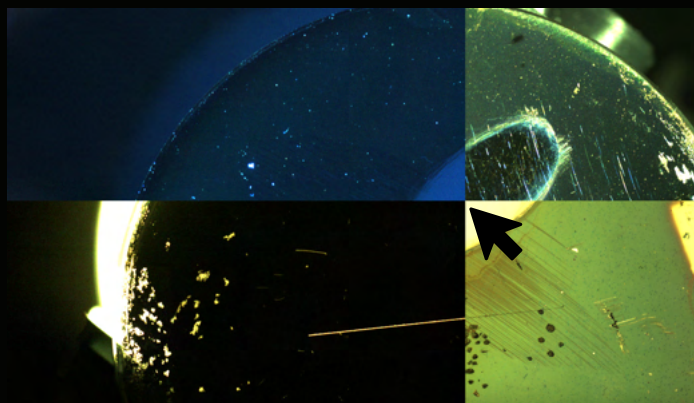


Lumigraph : Optical signature analysis of materials

Seamlessly visualize and compare your images.



Synchronization Mode



Curtain Mode

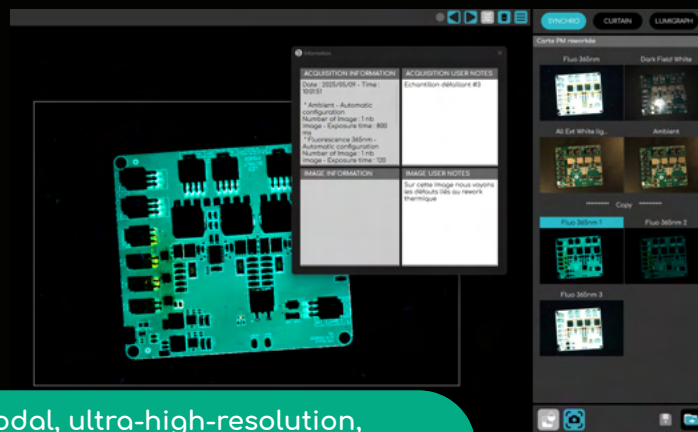
DOCUMENT BETTER

OPTIMIZE YOUR INSPECTION TIME

Our cameras, designed to streamline your visual inspections, **revolutionize technical and scientific imaging**.

They significantly **reduce inspection time** while systematically capturing **ultra-high-resolution images**, complete with **comprehensive documentation**, wherever you operate.

- Instant and in-situ acquisitions
- The best information/time ratio (<1 min)
- Designed for effortless operation
- Automated and detailed documentation
- Reproducible scientific analysis



Multimodal, ultra-high-resolution, automatic, and customizable documentation of your samples.



Dynamic documentation that allows you to zoom and pan within every capture, even after acquisition.

MASTER YOUR INSPECTION, REGARDLESS OF THE ENVIRONMENT

Metiscope® sets itself apart by being completely independent of environmental conditions. Compact, portable, and featuring an integrated lighting system, it delivers reliable inspections without requiring a darkroom or lab.

It is **designed to fit your operational reality**: inspect large, fragile, or simply immovable objects in situ. Validate quality directly at supplier sites or right on your production lines...

With Metiscope®, high-tech becomes mobile.



Metiscope® used by the Chauvet Cave scientific teams, enabling UV fluorescence and infrared analysis of the walls and floors.



DISCOVER METISCOPE MEMORY

Need to monitor changes in a part over time? Analyse the differences between a reference sample and your new parts? Qualify a component?

The Memory version **automates image acquisition** to ensure total reproducibility.

Unlike traditional methods, it eliminates ambient light variations, delivering consistently comparable results.

The essential tool for:

- Incoming inspection
- Condition reporting
- Component qualification
- Documentation (digital twins)

Standard devices
(under necessary darkness)

Metiscope
(Under ambient light)

READY TO TAKE
YOUR VISUAL
INSPECTIONS TO THE
NEXT LEVEL?

Book a personalized demo
and experience the Metiscope®
on your own samples !



LUMETIS

GET THE PICTURE

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