

Electronics

Quality control

With a TAGARNO microscope

Results

One final check

Check conformal coating, component alignment, QFPs and more digitally

To avoid customer returns, doing a final inspection of your assembled PCB is crucial. With a digital microscope, everything is displayed in excellent image quality, revealing any defects on the PCB.

Apps like Image comparison and Verification lines will assist operators in completing this crucial part of production. Compare your current sample to a golden sample with Image comparison or use Verification lines to verify size, dimensions and spacing of components.

Save your most used settings as presets and template to avoid manually adjusting the microscope going forward. Once inspection is complete, take a photo as documentation.

Our employees chose the TAGARNO because of its user friendliness

Loïc Boutillier, Technician Methods
ALL CIRCUITS, France

The perfect package for

Quality control

Microscope




Accessories


Ring light (white)
View every little detail

Ring light (UV)
Check conformal coating

Tilting table
See components from all angles

Apps

 **Image comparison**
Compare PCB to golden sample image

 **Verification lines**
Verify sample shape and dimensions

Case study

20 microscopes for multiple jobs

ALL CIRCUITS, MSL CIRCUITS

Before switching to digital microscopes, MSL CIRCUITS, one of Europe's leading subcontractors for the automotive industry, used magnifying lamps. But the need for higher magnification levels and a more comfortable setup for operators led the company to TAGARNO.

Among different options, the vast majority of the employees voted for the TAGARNO solution because of its user friendliness.

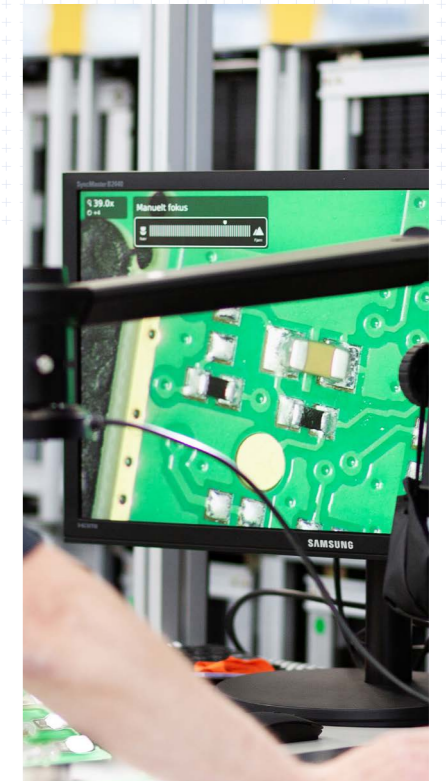
Today, MSL CIRCUITS has more than 20 microscopes installed at their facilities.

Here's how they're being used:

- Manual inspection of AOI rejects and component alignment
- Polarity inspection
- QFP inspection by changing the camera angle

An added bonus from going digital is the improved ergonomics that creates an efficient work force.

Read the case at tagarno.com



Contact

Want to know more?

Take a look at tagarno.com or contact your local TAGARNO distributor if you want to see how you can optimize processes and improve quality.

tagarno.com

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