



DIGITAL MICROSCOPE

TAGARNO ZAP

The ZAP is a powerful and flexible microscope. Born with a laser pointer that guides you during the inspection.

“Our employees chose the TAGARNO because of how **user friendly** it is

Loïc Boutillier, Technician Methods
ALL CIRCUITS, France

TAGARNO



TAGARNO ZAP

Flexible quality control

A flexible digital microscope for a quick zoom and check.

With a digital microscope, you can see your PCB, metal or plastic part in extremely high image quality, no matter the magnification level.

The clear images make it easy to see even the smallest details, no matter where the microscope is installed. And the flex arms allows up to move the ZAP exactly where you need it.

The live display on a monitor is also more comfortable and less tiring, creating healthier and happier employees.

Lastly, by connecting the microscope to a computer and taking a screenshot of your work, you will have image documentation readily at hand.

“**Creating more comfortable setups for our operators has made them more efficient**”

Loïc Boutillier, Technician Methods
ALL CIRCUITS, France

TAGARNO ZAP

A flexible digital microscope

The ZAP is more than just magnification. It is flexibility and adjustability at your service. Move it around to fit your needs perfectly.



Control options

Use control buttons or XKEY control box if out of reach

Laser pointer

When enabled, a laser pointer will show you what area of a sample you're looking at

Move it around

Left or right. Up or down. You decide where the microscope should go. You can also change the angle of the camera.

Mount anywhere

Precise analysis need every detail. Learn more about the integrated microscope camera

Tech specs

Take a closer look

The ZAP produces crystal-clear magnified images that makes visual inspection a lot easier.

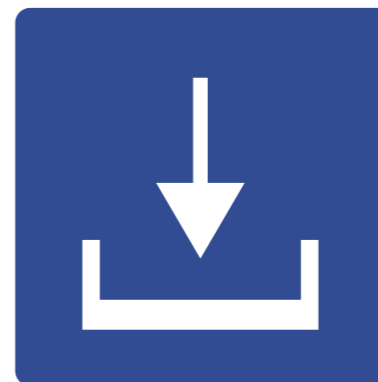
Magnification levels	0.8 – 133x +
Image quality	FHD/1080p +
Frame rates	60FPS +
Optical zoom	30x +
Working depth	760 mm +
Working height	78 – 645 mm +
Field of view	4 – 600 mm +

133x
Magnification level

60 FPS
Ultra-high frame rates

760 MM
Working depth

1080 P
Image quality



Save photos

Digital microscopes work smarter

By connecting a computer to your TAGARNO ZAP, you can save images of your work. Store them as documentation material or forward them to colleagues and partners.

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Case study

20 ZAPs get multiple jobs done

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.

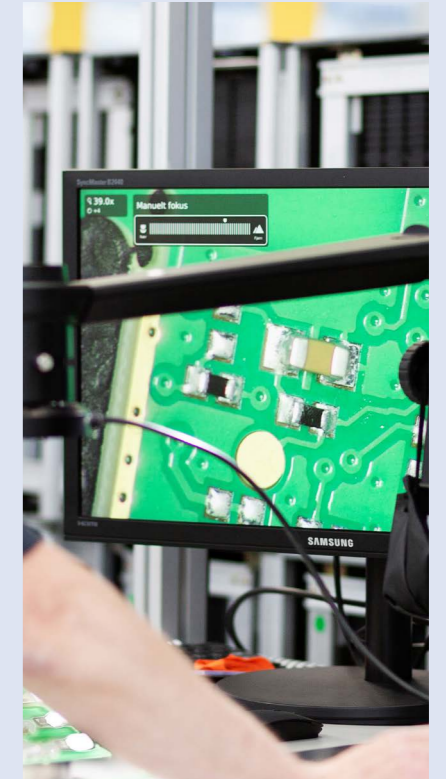
Today, MSL CIRCUITS has more than microscopes at their facilities.

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](https://www.tagarno.com)



Available options

Choose a solution that suits your needs

The perfect package

Customize your choice

Mix and match. Add any accessory and apps to your bundle and you are off.

ZAP FLEX

ZAP INLINE

TAGARNO ZAP digital microscope



XKEY control box



Lens +4



Lens +2



Flex arm advanced



Flex arm inline



Included Accessories

Microscope



Accessories

XKEY control box

Use microscope features

Lens +4

Magnify at the right level

Flex arm advanced

Move microscope around



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

TAGARNO