



DIGITAL MICROSCOPE

TAGARNO ZAP

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

“The ZAP is a **very flexible** microscope, perfect for quick magnification tasks

TAGARNO



TAGARNO ZAP

Flexible quality control

A flexible digital microscope for a quick zoom and check.

Using a flexible digital microscope, giving any sample a quick visual inspection is made easy.

By simply turning the system on and watching the object magnified on screen, makes taking the dialogue about the results clearly easier. From quality control of flour to color testing roasted peanuts, a flexible digital microscope will pave the way for a quick go or no go during any visual validation process in the foods industry

By viewing the zoomed in results on a monitor, it gets so much easier, comfortable and quicker to discuss and conclude in the process.

When not in use, pack to microscope away to clear out space on the desk or conveyor.

“A flexible solution is the perfect tool for quick go or no go visual inspections

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 | O.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

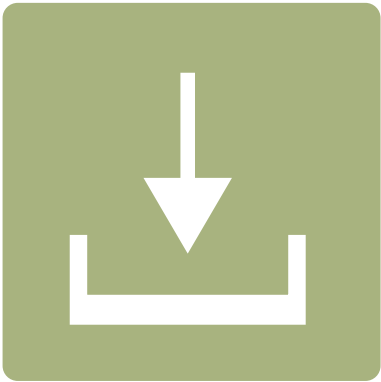
Ultra-high frame rates

760MM

Working depth

1080P

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.

“Our quality analysis are **more objective and effective** now that we use the app

Jacob Mikkelsen, NIR Specialist & Data Scientist
BioMar, Denmark

Case study

TAGARNO use reduces claim rates

Secure customer satisfaction

Using a digital microscope to determine the degree of bakedness and overall product quality, allowed Orkla to make quicker adjustments to the production process.

Color is a determiner for degree of bakedness and overall product quality. OC&S DK A/S's earlier equipment was old and unstable, resulting higher claim rates than desired. It was also expensive to repair.

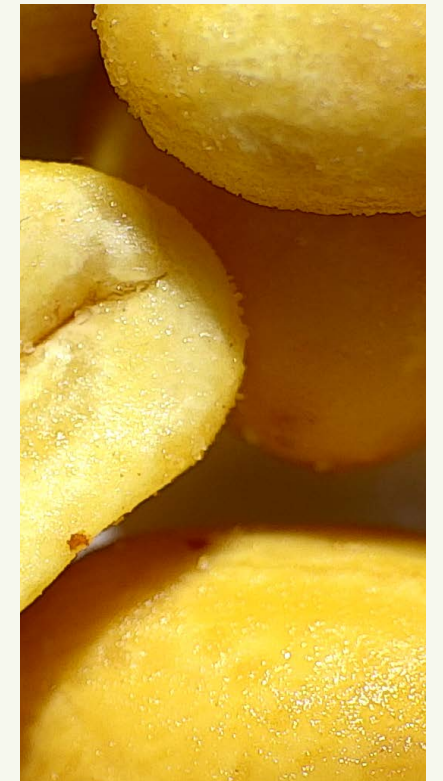
There was a need for a consistent and future proof solution with possibility for operators to track result trends on a graph log as

opposed to single points results. This would allow for quicker adjustments to the process if needed.

Consistent and future-proof

The TAGARNO objectively analyzes color distribution with no loss of accuracy over time. With firmwares and additional apps available, the TAGARNO fits into future digitalization plans. With low tolerances on the TAGARNO, OC&S DK A/S maintains high product quality and low claim levels.

Read the full case study
at tagarno.com



Available options

Choose a solution that suits your needs

| | ZAP FLEX | ZAP INLINE |
|--------------------------------|-------------------|------------|
| TAGARNO ZAP digital microscope | ● | ● |
| | | |
| Included Accessories | XKEY control box | ● |
| | Lens +4 | ● |
| | Lens +2 | ● |
| | Flex arm advanced | ● |
| | Flex arm inline | ● |

The perfect package

Customize your choice

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

Microscope



Accessories

- XKEY control box**
Use microscope features
- Lens +4**
Magnify at the right level
- Flex arm advanced**
Move microscope around
- Glass table**
Remove shadows

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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