



DIGITAL MICROSCOPE

TAGARNO TREND

The TREND is not just advanced technology. It is also personal technology at your service. Intuitive, agile, and customizable. Tailor it to fit your needs perfectly.

“**Saving images directly to the microscope has increased our efficiency**”

Bo Aktor Nielsen, Engineer
BB Electronics, Denmark

TAGARNO



TAGARNO TREND

Effective quality control

Quality control in the foods and feed industry is automated in a matter of seconds

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 easier to perform processes such as seed germination testing, variety identification and purity determination. Foreign varieties, mites or fungal diseases in your sample will also be easy to spot.

The built-in computer allows you to use apps during the inspection and take photos of your work.

The setup with a monitor is also more comfortable and less tiring for the operator, creating healthier and happier employees.

“Our employees chose the **TAGARNO** because of its **user friendliness**”

Loïc Boutillier, Technician Methods
ALL CIRCUITS, France

TAGARNO TREND

An intelligent digital microscope

The TREND has a built-in computer that turns this microscope into much more than just a magnification tool.



All-in-one

A microscope, a computer and an analyzer. This is an all-in-one solution with a selection of apps available.

Height adjustable

For maximum flexibility, adjust the microscope depending on how much space you need.

Fine adjustment

Find your focus with the fine adjustment wheels.

Laser pointer

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

Large work area

The long arm of the TREND creates a big working area, allowing you to work with samples of all sizes

ESD

The microscope has ESD grounding point.

Tech specs

Take a closer look

Perform firmware updates for ongoing improvements and adding features to the intelligent microscope.

Magnification levels	1.3 – 330x	+
Image quality	FHD/1080p	+
Frame rates	60FPS	+
Optical zoom	30x	+
Working depth	385 mm	+
Working height	34 – 323 mm	+
Field of view	1.6 – 409 mm	+

330^x

Magnification level

60^{FPS}

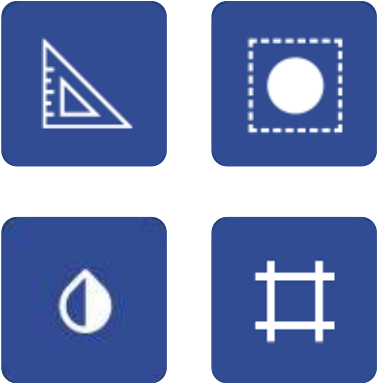
Ultra-high frame rates

385^{MM}

Working depth

1080^P

Image quality



Applications

Intelligent microscope sees smarter

With a wide range of automated apps, a TAGARNO microscope can optimize your analysis work and create more precise and objective results.

“We can see the **smallest details** and ensure the quality of our work

Bo Aktor Nielsen, Engineer
BB Electronics, Denmark

Case study

Our TAGARNOS are vital tools for PCB inspection

BB ELECTRONICS, DENMARK

After using stereo microscopes and magnifying lamps in the past, BB Electronics wanted a better and more contemporary solution.

A key benefit from a digital microscope is the ability to save and share high quality documentation with customers when performing visual inspection of production line circuit board samples.

The microscopes are also used for R&D prototype development as well as PCB repairs and rework.

After testing a wide range of digital microscopes, they chose TAGARNO because of the overall high quality solution and user friendliness.

[Read the case at tagarno.com](https://tagarno.com)



Available options

Choose a solution that suits your needs

	TREND	TREND PLUS	TREND PRO
Included Apps	TAGARNO TREND digital microscope		
	Watermark application		
	Focus stacking application		
	Ruler application		
Included Accessories			
	Lens +4		
	XPLUS control box		
	Ring light white and Lights control box		
	Diffusor lens kit for Ring light white		
	Fresnel 100mm lens kit + Polarizer filter kit for Ring light white		
	Lens 1x Plan and magnetic lens kit		

The perfect package

Customize your choice

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

Microscope



Accessories

- Ring light (white)**
View every little detail
- Ring light (UV)**
Check conformal coating and cracks
- Lens 1x Plan**
Magnify at the right level
- Tilting table**
See sample from all angles

Apps

- Measurement**
Measure distances, angles, diameters and more
- Image comparison**
Compare sample to reference image
- Focus stacking**
Create ultra-sharp images with no blurred or out of focus areas

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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MJB - 18 avenue du Gué Langlois - 77600 BLUSSY ST MARTIN
Tel : 01.64.62.68.00 Fax : 01.64.62.70.87
Mail: infoMJB@mjb.fr - www.mjb.fr