



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.

“**With presets, we are consistent with settings across inspections and have increased our efficiency**”

Sustaining Engineer at prominent MedTech company  
**Germany**

**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.

“**We love our TAGARNOs.  
They are really easy and  
comfortable to use**

Sustaining Engineer at MedTech  
company, **Germany**

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<sup>x</sup>

Magnification level

60<sup>FPS</sup>

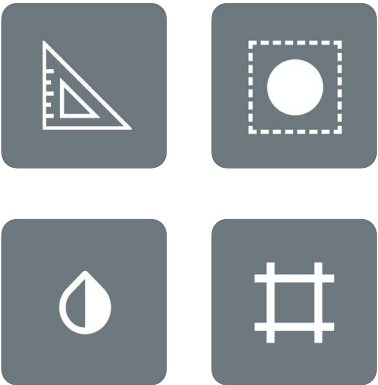
Ultra-high frame rates

385<sup>MM</sup>

Working depth

1080<sup>P</sup>

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.

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

Bo Aktor Nielsen, Engineer  
**BB Electronics, Denmark**

#### Case study

## Increased consistency and efficiency

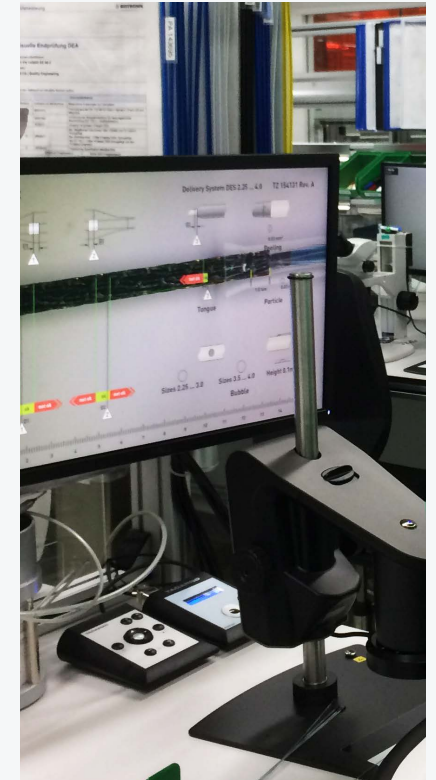
### Medical device manufacturer, Germany

A leading medical device manufacturer wanted more consistency and efficiency in their inspections. To achieve this, they now use 22 microscopes with the presets feature and PNG reference app.

The preset feature enables the operators to prepare a sample 5 times faster than before. With the PNG reference app, the operators can recall a customized graphic to verify the size of their products.

The graphic is placed on top of the live image, eliminating the need for manually measuring the product with a ruler.

[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	<b>TAGARNO TREND digital microscope</b>	●	●
	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](http://tagarno.com) or contact your local TAGARNO distributor if you want to see how you can optimize processes and improve quality.

[tagarno.com](http://tagarno.com)

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