

TAGARNO TREND

# Is TREND the right microscope for me?



**TAGARNO**

INTRODUCTION

# TAGARNO TREND

**Digital microscopes have become more and more popular in many industries as they reduce work pain and have endless potential in terms of inspection, analysis and connecting data and teams.**

But knowing which microscope to choose can be tricky. In this brochure, we'll help you decide if TAGARNO TREND is the right one for you.

We'll start by briefly explaining the overall benefits of a digital microscope before going into more details about what makes the TAGARNO TREND unique and how it can help your business.

Let's get started.



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**BENEFITS OF GOING DIGITAL**

# **An introduction to digital microscopes**

**Regardless of which model you choose, a digital microscope has a variety of benefits compared to the more traditional stereo microscope.**



## Find focus with autofocus

When finding focus on a stereo microscope, both eyepieces need to be adjusted manually according to the sample. You might not consider that a time consuming task, but the minute it's eliminated, you'll notice the difference.

In comparison, a digital microscope has autofocus. It means that the microscope will automatically focus on the sample underneath the microscope, independently of your eye sight or eye level, eliminating the need for manual adjustment of the microscope.

It also means that you can keep your hands on the sample itself, turn it around while zooming in and out, either with the control box or a foot switch, for more efficient inspections.



## Discuss findings with colleagues in-person or remotely

When using a monitor rather than an ocular to view a sample, it's easy for multiple operators to inspect and discuss a sample at the same time.

If needed, the microscope live image can also be shared to remote colleagues during online meetings.

This allows everyone to have the same level of information about the sample, creating a better foundation for solving any potential issues.

Meetings can also be held immediately after a problem occurs instead of waiting for calendars to match up for a physical meeting.

## Create consistency across inspections

With presets, you'll be able to save your most used settings as a group and recall them with a press of a button.

When using presets rather than manually adjusting the microscope, you ensure that the same settings are used across all inspections.

This not only creates consistency, but is also much faster than having to adjust the microscope manually, allowing you to spend more time on the actual inspections.

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## Reduce work pain

Instead of bending your neck to see through an eyepiece or straining your eyes to see the sample clearly, a digital microscope allows you to sit up properly and look straight ahead at a monitor. This reduces headaches and makes you feel less tired at the end of the day.

Improving ergonomics thus not only affects your productivity, but can also significantly improve your job satisfaction and ability to attract new employees.

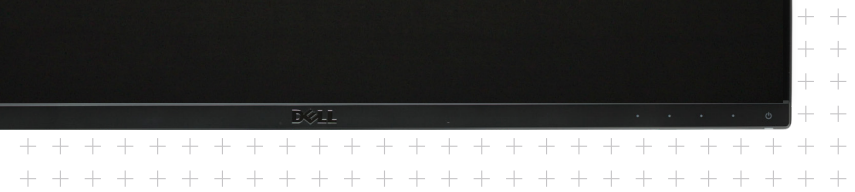


# A picture says more than a thousand words

More and more businesses need to document their findings during inspections. With a stereo microscope not having documentation capabilities, some try to take a photo with their phone through the eyepieces. Unfortunately, this doesn't always result in a very good photo.

In comparison, it's often as simple as pressing a button on the control box when using a digital microscope.

The photos can then be saved for future reference or forwarded to customers or supply chain partners if something needs to be discussed in more details.





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# 5 reasons why you should choose TREND

Now, let's have a look at the specific benefits of the TREND and examples of when this particular microscope is the perfect fit.



### BENEFIT 1

## Small or large, TREND can fit anywhere

If you're working on a small work station, turn the TREND so the arm is coming from your right rather than facing you straight on.

By doing so, you turn the direction of the working depth, enabling TREND to fit on smaller tables. Just remember to turn the pin on the camera head to ensure that the camera is facing the sample head on and that what you're seeing on the monitor is aligned with what's happening underneath the microscope.



## BENEFIT 2

# Magnify bigger samples

With its +25 lens compatibility, TREND can magnify up to 330x, allowing you to perform low as well as high power inspection on one single system.

TREND also has the largest working depth out of the base mounted microscopes.

This is important to note if you need to inspect bigger samples or batches as some of the other microscopes might not have enough room between the lens and rod to fit these samples.



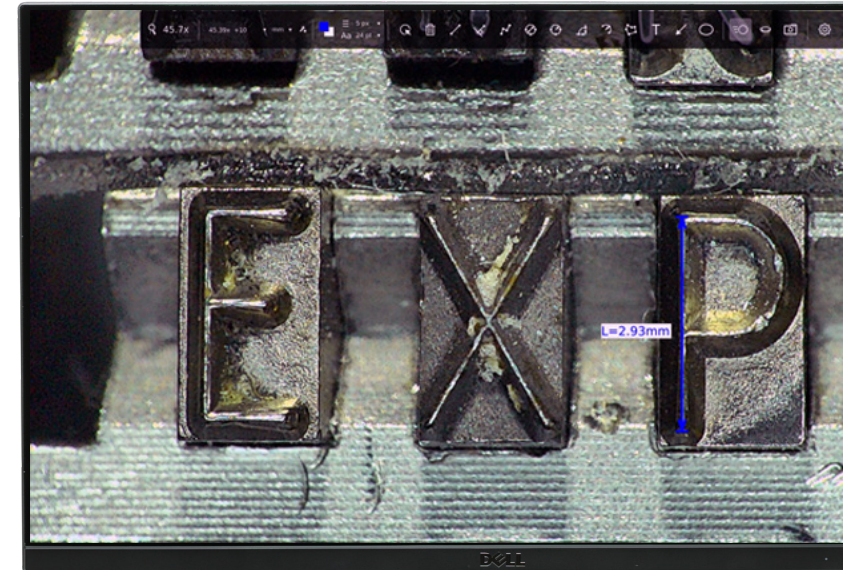
### BENEFIT 3

## Take your inspections to the next level with advanced features and software

TREND offers a wide range of features that you do not find on the lower priced ZIP and ZAP microscopes.

The advanced features that include more presets and camera settings as well as easier documentation processes are all designed to increase your efficiency by reducing the risk of user errors and eliminating repetitive tasks.

Besides the included Watermark, Ruler and Focus stacking app, you can also customize your microscope by activating licenses to additional apps, including the bestselling Measurement app, to perform on-screen measurements and elevate your inspections even further.



*Measurement app*



#### **BENEFIT 4**

## **Prolong product lifespan with firmware updates**

By installing firmware updates, TREND can be updated with new features as they are developed and released.

Rather than replacing the microscope if your needs change, this allows the microscope to evolve long after you've bought it, prolonging its lifespan and ensuring that you get the most out of your initial investment.



#### **BENEFIT 5**

## **Locate magnified area with laser pointer**

When working with bigger samples or at high magnification levels, you can lose track of what area of the sample is being displayed on the monitor.

To avoid this, activate the built-in laser pointer to point at the magnified area of the sample.

This is especially useful if you've identified a faulty area of your sample and need to rework that particular area or remove it from your batch.

## IN SUMMARY

# 5 questions to determine if TREND is the right microscope for you

- Are you working on a small work station and need a flexible microscope that doesn't take up much room?
- Do you plan on inspecting large samples or batches?
- Do you need to perform low and high power magnification on one single system?
- Do you want to improve your efficiency, reduce user errors and create consistency across your inspection?
- Do you want a future proof solution that can be updated with new features as they are released?

If your answer is yes to any of the above, we're confident TREND will be a great addition to your setup.

Are you ready to get started?

[Get a quote](#)



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