



DIGITAL MICROSCOPE

# TAGARNO ZAP

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

“We can perform twice as many analyses as before. **We save time**”

Jens Asmussen, Laboratory Manager  
**DLG, Denmark**

**TAGARNO**



TAGARNO ZAP

## Flexible quality control

A flexible digital microscope for a quick zoom and check.

With a digital microscope, you can view a seed and grain sample test 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 setup with a monitor is also more comfortable and less tiring for the operator, 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.

“Performing visual identification processes has become much **more efficient**”

Helle Foldgaard, laboratory technician  
**Nordic Seed, Denmark**

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

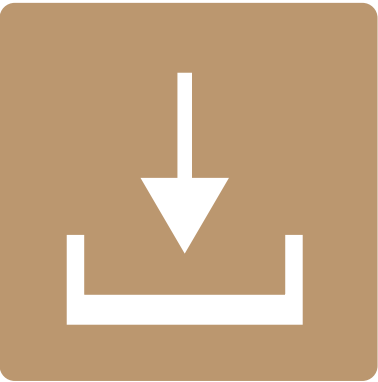
Ultra-high frame rates

760mm

Working depth

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.

“We can perform twice as many analyses as before. **We save time**”

Jens Asmussen, Laboratory Manager  
**DLG, Denmark**

#### Case study

## Our processes have become much more **efficient**

### Nordic Seed/Danish Agro

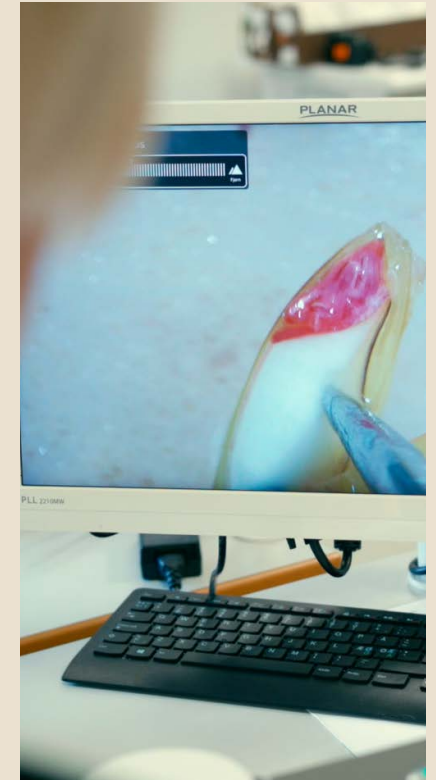
Before implementing digital microscopes in their laboratory, Danish seed company Nordic Seed used magnifying lamps as well as stereo lights to perform germination capacity and seed purity testing processes.

This caused staff to often suffer from stiff necks from working in the same working posture for 37 hours a week, causing sick leaves and tough work days.

Helle Holdgaard is a Laboratory Technician and has been working at Nordic Seed for the past 20 years, performing seed purity testing procedures in different ways and performing purity analysis.

In her job, Helle uses a TAGARNO microscope, which has a significant value for her in her daily job, since it has made her work much easier.

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



Available options

The perfect package

Choose a solution that suits your needs

Customize your choice

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

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](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)

**TAGARNO**