



# DIGITAL MICROSCOPES

# INTRODUCTION



InterElectronic Hungary Ltd. offers equipments, machines and different materials (ESD) of different production technologies (SMT/THT/LED). Including high quality, special request fulfilling soldering machines, devices, tools, instruments and materials for the electronic industry and services.

## SERVICES

Our each and every product has a warranty granted by the InterElectronic Hungary Ltd. For more complex appliances our company offers a well-needed training for set up and usage. We grant the repair of all of the products traded by our company during and after the warranty period. As well as we guarantee the continuous supply of accessories and instruments.

## DEMONSTRATION

In case if any of our products aroused your interest the InterElectronic Hungary Ltd. would be glad to visit your company and hold a presentation of the product of your interest. As far as possible we serve you by bringing demo devices with us. In the most cases of our products we are proud possessors of references nation-wide. Major machines also could be observed at our partners' site.

## PRICE LIST

Most of the prices of our products can be requested on our website and will be sent via email to you. In case of special and more complex machines the prices are given after consultation individually through a price offer. If you are interested in more information or user manuals of our products we recommend you to visit our website ([www.interelectronic.com](http://www.interelectronic.com)), which is updated continuously with professional information. We also recommend you to visit our office, where you can purchase any of the needed devices and spare parts of the product of your interest.

## ORDER/SHIPPING

Our soon to be partners are welcomed to be helped via telephone, fax or e-mail. We use different ways of delivery, depending on the preference of our partner. We can deliver your purchased product by ourselves, by freight or courier service. The way of delivery might be negotiated previously. We offer you cash on delivery nation-wide!

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TAGARNOs digital microscopes are for example used for visual inspection of printed circuit boards, using high-definition cameras and high-definition monitors combined with user-friendly interfaces, to create excellent image quality and an amazing ease of use. Experience magnification with outstanding live image quality without distortion and with a large field of view, digital auto-focus and auto-exposure functions. Viewing images on a monitor also gives you a great range of ergonomic advantages, avoiding neck and shoulder pains.

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All products in our catalog are ESD safe.

# TAGARNO FHD ZAP

EXCELLENT FULL HD IMAGE AND VIDEO QUALITY | FLEXIBILITY AT PRODUCTION LINES  
| EASY IMAGE AND VIDEO CAPTURING | LAPTOP + PC COMPATIBILITY





# TAGARNO FHD ZAP

## Specifications

**EXCELLENT FULL HD IMAGE AND VIDEO QUALITY | FLEXIBILITY AT PRODUCTION LINES  
| EASY IMAGE AND VIDEO CAPTURING | LAPTOP + PC COMPATIBILITY**

### FOR PRODUCTION LINES

TAGARNO FHD ZAP can be positioned over conveyors or larger inspection areas.

### EXCELLENT FULL HD IMAGE QUALITY

With FULL HD you get an extremely sharp image with unsurpassed colour rendition. What you see on the monitor is exactly what is under the camera - without distortion, delay or interference. The sensor in FULL HD is 5 times more sensitive to light than previous versions,

which gives you better images and more depth of field. The built-in autofocus ensures a sharp image regardless of magnification size.

### IMAGE CAPTURING AND SHARING

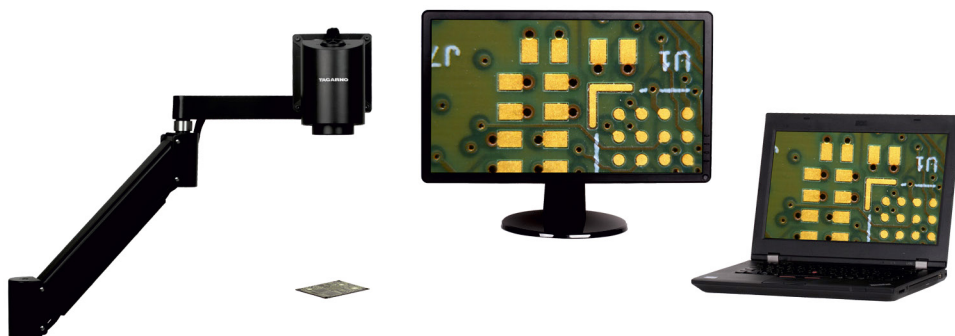
TAGARNO has developed new features and PC options to complete the new camera solution. TAGARNO FHD ZAP comes with USB 3, which, via 3rd party software, makes it possible to stream and store uncompressed live video in Full HD on PC with 60fps, for further editing or distribution.

### 48X MAGNIFICATION

With FHD 30x optical zoom the depth of field is significantly improved and the user has a better overview at minimum zoom compared to other cameras on the market. 30x optical zoom also enables higher magnification at maximum zoom. (48X with a +4 lens)

### LASER POINTER OPTION

TAGARNO FHD ZAP is born with a laser pointer, which enhances precision and accuracy when using this magnification system from TAGARNO. **WARNING!** Laser radiation when turned on.



Magnification:	1.6 - 48.1x on 22" with a +4 lens
Lens to object distance	245mm/9.6" with a +4 lens
Weight:	1.5 kg/3.3 lbs
Camera resolution:	FULL HD 1080p, 1920x1080p at 59,94Hz / FULL HD 1080p, 1920x1080p at 50Hz FULL HD 1080p, 1920x1080p at 29,97Hz / FULL HD 1080p, 1920x1080p at 25 Hz HD 720p, 1280x720p at 59,94Hz / HD 720p, 1280x720p at 50Hz
Camera Zoom	30 optical
Recommended monitor format	Widescreen
Output:	HDMI and USB 3.0
Monitor size:	Optional
Total power consumption:	7.4 W
Standby consumption:	0.4 W

### ACCESSORIES

HD 22" and 24" widescreen monitor	Light Kit
Flexarm	Angle brackets
Foot switch	Cleaning kit
XKEY control box	

# TAGARNO FHD ZIP

EXCELLENT FULL HD IMAGE AND VIDEO QUALITY | EASY IMAGE AND VIDEO CAPTURING | LAPTOP + PC COMPATIBILITY

FULL HD / 1920X1080P / 60FPS



# TAGARNO FHD ZIP

## Specification

**EXCELLENT FULL HD IMAGE AND VIDEO QUALITY | EASY IMAGE AND VIDEO CAPTURING | LAPTOP + PC COMPATIBILITY**

### EXCELLENT FULL HD IMAGE QUALITY

With FULL HD you get an extremely sharp image with unsurpassed colour rendition. What you see on the monitor is exactly what is under the camera - without distortion, delay or interference. The sensor in FULL HD is 5 times more sensitive to light than previous versions, which gives you better images and more depth of field. The built-in autofocus ensures a sharp image regardless of magnification.

### IMAGE CAPTURING AND SHARING

TAGARNO has developed new features and PC options to complete the new camera solution. The new TAGARNO FHD ZIP comes with USB 3, which, via 3rd party software, makes it possible to stream and store uncompressed live video in Full HD on PC with 60fps, for further editing or distribution.

### MAGNIFICATION UP TO 60X

With FHD 30x optical zoom the depth of field is significantly improved and the user has a better overview at minimum zoom compared to other cameras on the market. 30x optical zoom also enables higher magnification at maximum zoom.



### TECHNICAL SPECIFICATIONS

Zoom	30x optical
Magnification levels	1.6 - 48.1x
Camera resolution	FULL HD 1080p, 1920x1080p at 59,94Hz FULL HD 1080p, 1920x1080p at 50Hz FULL HD 1080p, 1920x1080p at 29,97Hz FULL HD 1080p, 1920x1080p at 25 Hz HD 720p, 1280x720p at 59,94Hz HD 720p, 1280x720p at 50Hz
Lens to object distance	250mm / 9.8"
Working depth	280mm / 11.02"
Auto / Manual focus	Yes
Image capture	Via third-party software
Iris / Gain	Yes
Laser pointer (on/off)	No
Included lens	+4 (58mm)

# TAGARNO FHD UNO

ERGONOMICS | USER-FRIENDLY | MULTIVIEWER | DOCUMENTATION

**When quality is your most important task  
- you need a new agile digital microscope from TAGARNO**

This is a brand new way of thinking digital microscopy. A way that allows you to continuously update your digital microscopes with new possibilities as they come along. This enables you to customize the system to always serve as your favorite magnification tool for quality control and analysis by having the ability to add new features and uses to the TAGARNO FHD digital microscope you have invested in. Being able to add a variety of accessories such as lighting, lenses and tables, enables you to further customize the digital microscope to fit your exact needs.



TAGARNO is introducing a new agile era within digital microscopy.

Presenting an avant-garde new line of intelligent FULL HD digital microscopes, TAGARNO FHD UNO provides you with the ability to effortlessly adapt into the individual all-in-one tool you need in the blink of an eye.

This is the smart investment in your quality, implementing one easily updated and customized digital microscope for manual visual inspection. This enables you to continuously optimize your quality control processes  
- now and in the future.



## ERGONOMICS | USER-FRIENDLY | MULTIVIEWER | DOCUMENTATION

### ERGONOMICS

A correct approach to ergonomics and a good working environment provide more energy, better results, higher efficiency and less sickness absence. As a TAGARNO user, a digital signal combined with a monitor, and therefore does not depend on an ocular for focusing, your eyes, neck and back are relieved of unnecessary strain, paving way for more adequate and efficient working processes for optimization of your results.

### MULTIVIEWER

The option of dialogue and cooperation brings new and more dynamic ways of working and easier quality control management. A digital microscope provides you with unique opportunities to deeply improve collaboration and enriched communications between coworkers, customers and business partners. By creating excellent conditions for internal or external training and sparring, TAGARNO digital microscopes give you an incomparable chance to easily detect and describe problems to multiple viewers simultaneously in person. This advantage is beneficial for the training of new operators, sparring between operators and supervision sessions.

### SAVE IMAGES DIRECTLY TO A MEMORY STICK FOR EASY DOCUMENTATION WORK

With the integrated USB 2.0 slot you can store your images directly on any USB Memory Stick and transfer the images to your computer later, making your documentation work quick and easily sharable around the company supply chain.

### EFFORTLESSLY SAVE AND SHARE VERIFICATION IMAGE AND VIDEO DIRECTLY FROM YOUR COMPUTER

Integrated USB 3.0 enables you to show and capture uncompressed video on a computer for further editing or distribution to colleagues and business partners with 3rd party software.

### USER-FRIENDLINESS

TAGARNO digital microscopes save you time since they are user-friendly all-in-one solutions, which make it easy to use the TAGARNO microscopes with little or no training at all, making ease of use one of your most important benefits - just "plug and play". At the same time, all microscopes from TAGARNO are designed, developed and manufactured in Denmark. The digital microscopes are made only from high quality materials and surface treatments for a long lasting product which requires no maintenance.

### DOCUMENTATION

Via a single snapshot you are able to create easily shareable high-quality documentation as high definition images, produced by high-resolution cameras and displayed on high-definition monitors and computers. With stand alone or computer connected digital microscopes, TAGARNO paves the way for considerably improved communication between coworkers, within departments, companies and supply chains, by enabling you to document, share and explain your work and results to multiple viewers at the same time.

### CREATE VALIDATION IMAGES WITH AN IMPROVED DEPTH OF FIELD FROM OPTICAL ZOOM

With FULL HD 20x optical zoom the depth of field is significantly improved and the user has an improved overview at minimum zoom.

### MONITOR WITHOUT USING A COMPUTER WITH A TAGARNO STANDALONE DIGITAL MICROSCOPE

Turn the vertical, horizontal or vertical/horizontal OSD ruler on/off to get a ruler displayed in metrics or imperial units on top of your live image on screen, according to preferred measuring units. It is also possible to save an image with graphics from the ruler function. Set the ruler color to your preferred color choice, to separate it from your displayed object.

# TAGARNO FHD UNO

## Technical Specification

### FEATURES

Auto & Manual Focus	Picture flip	Monitor width or Monitor Readback
Iris, Gain & Exposure Time	Start and lock magnification	OSD mode
Snapshot	Closeup Lenses	Image format
Presets	Video formats	Auto capture mode and interval
White balance calibration	Date and time	Set measuring units
Turn light on/off	Ruler on/off and choose ruler color	Focus stacking (Optional)

### LENS

Dimensions	58 mm/2.3"
Included lens	+4

LENS	Lens to object distance	Magnification on 22" monitor
+3	333 mm/13.1"	1.3x - 25.6x
+4	250 mm/9.8"	1.7x - 33.6x
+5	200 mm/7.9"	2.1x - 42.2x
+10	100 mm/3.9"	4.1x - 82.2x

### RECOMMENDED MONITOR FORMAT

Panel format	16:9 (Widescreen)	Monitor width or Monitor Readback
How to link	DVI or HDMI input	OSD mode
Response time	2 ms	Image format
Signal format	FHD 1920x1080	Auto capture mode and interval

### ACCESSORIES

Lens, +3, +4, +5 and +10	FHD monitor 22" and 24	Cleaning kit
XPLUS FHD Control box	Mounting arm for monitor	Dust cover
XKEY Control box	Table and wall mount for monitor arm	
Foot switch	Circular tilting table	
Ring light kit	Height Adjustment Table	
Ultra Violet ring light	XY-Table	
Infrared ring light	Backlight kit	

# TAGARNO FHD UNO

## Technical Specification

Camera resolution	FHD1080p, 1920x1080@ 60/50/30/25Hz			
Dimensions	H: 464mm/18.3" W:300mm/11.8" D:499mm/19.6"			
Weight	5,2 kg/11.46 lbs			
Working height	Min: 200mm/7.87" Max:415mm/16.34"			
Working depth	370mm/14.57"			
Zoom	30x optical			
Auto & Manual focus	Yes			
Control included	-			
Control options	XKEY control box, XPLUS FHD control box, Foot switch			
XY-Table or Backlight	Optional, XY-Table			
Image capture, Stand alone	Yes, USB			
Image capture PC	Yes (with third-party software)			
Source select function	Yes			
Laser pointer (on/off)	No			
Cable types included	HDMI - DVI & HDMI - HDMI			
Output format	HDMI			
Aspect ratio	16:9			
Field of view	+3 lens Min zoom: 376,4mm/14.82" Max zoom: 18,6mm/0.73"		+5 lens Min zoom: 228,9mm/9.01" Max zoom: 11,3mm/0.44"	
	+4 lens Min zoom: 286,6mm/11.28" Max zoom: 14,2mm/0.56"		+10 lens Min zoom: 116,7mm/4.57" Max zoom: 5,8mm/0.23"	
Included lens	+4 (58mm)			
Lens options	+3, +4, +5, +10			
Magnification on 22" monitor	+ 3 lens	1.3x - 25.6x	+5lens	200mm/7.87"
	+4 lens	250mm/9.84"	+10 lens	100mm/3.94"
Lens to object distance	+ 3 lens	333mm/13.11"	+5 lens	200mm/7.87"
	+4 lens	250mm/9.84"	+10 lens	100mm/3.94"

# TAGARNO FHD TREND

ERGONOMICS | USER-FRIENDLY | MULTIVIEWER | DOCUMENTATION

**When quality is your most important task  
- you need a new agile digital microscope from TAGARNO**

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Presenting an avant-garde new line of intelligent FULL HD digital microscopes, TAGARNO FHD TREND provides you with the ability to effortlessly adapt into the individual all-in-one tool you need in the blink of an eye.

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### MULTIVIEWER

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### CREATE HIGH QUALITY IMAGE DOCUMENTATION OF ITEMS WITH VARYING HEIGHT

Create high quality documentation images easily with the Focus Stacking feature. Create one ultra-sharp image from top to bottom of an object by automatically stacking images at different focus heights on top of each other. No blurred or out of focus areas of the image.

### SAVE IMAGES DIRECTLY TO A MEMORY STICK FOR EASY DOCUMENTATION WORK

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TAGARNO digital microscopes saves you time since they are user-friendly all-in-one solutions, which make it easy to use the TAGARNO microscopes with little or no training at all, making ease of use one of your most important benefits - just "plug and play". At the same time, all microscopes from TAGARNO are designed, developed and manufactured in Denmark. The digital microscopes are made only from high quality materials and surface treatments for a long lasting product which requires no maintenance.

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### CREATE VALIDATION IMAGES WITH AN IMPROVED DEPTH OF FIELD FROM OPTICAL ZOOM

With FULL HD 30x optical zoom the depth of field is significantly improved and the user has an improved overview at minimum zoom.

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# TAGARNO FHD TREND

## Technical Specification

### FEATURES

Auto & Manual Focus	Picture flip	Image format
Iris, Gain & Exposure Time	Start and lock magnification	Auto capture mode and interval
Snapshot	Closeup Lenses	System units
Presets	Date and time	Focus stacking
White balance calibration	Ruler on/off and choose ruler color	
Turn light on/off	Monitor width or Monitor Auto Detect	

### LENS

Dimensions	58 mm/2.3"
Included lens	+4

LENS	Lens to object distance	Magnification on 22" monitor
+3	333 mm/13.1"	1.3x - 25.6x
+4	250 mm/9.8"	1.7x - 33.6x
+5	200 mm/7.9"	2.1x - 42.2x
+10	100 mm/3.9"	4.1x - 82.2x
+25	34mm/1.34"	9.6x - 297.1x

### RECOMMENDED MONITOR FORMAT

Panel format	16:9 (Widescreen)	Monitor width or Monitor Readback
How to link	DVI or HDMI input	OSD mode
Response time	2 ms	Image format
Signal format	FHD 1920x1080	Auto capture mode and interval

### ACCESSORIES

Lens, +3, +4, +5 and +10	FHD monitor 22" and 24	Flexarm
XPLUS FHD Control box	Mounting arm for monitor	Cleaning kit
XKEY Control box	Table and wall mount for monitor arm	Dust cover
Foot switch	Circular tilting table	
Ring light kit	Height Adjustment Table	
Ultra Violet ring light	XY-Table	
Infrared ring light	Backlight kit	

# TAGARNO FHD TREND

## Technical Specification

### TAGARNO FHD TREND | BASE

Dimensions	H: 460mm/18.1", D: 530mm/20.8", W: 275mm/10.8"
Weight	6.8 kg/15 lbs
Camera resolution	FHD 1080p, 1920x1080@60Hz
Camera zoom	30x optical
Autofocus	Yes
Power consumption	16.8W
Standby consumption	0.7W
Storage	-5 - +60°C / +23 - +140°F, 20 - 90% RH
Operation	+5 - +40°C / +41 - +104°F, 20 - 80% RH
Work height	Min: 100mm/3.9", Max: 310mm/12.2"
Work depth	385mm/15.2"
Auto Monitor Detect	Yes
Plug connection	HDMI output, HDMI input, USB 3.0 output, USB 2.0 input, Ethernet and Sub-D for Control box

### TAGARNO FHD TREND | XY TABLE

Dimensions	H: 502mm/19.8", D: 530mm/20.9", W: 520mm/20.5"
Weight	12.7 kg/ 28 lbs
Camera resolution	FHD 1080p, 1920x1080@60Hz
Camera zoom	30x optical
Autofocus	Yes
Power consumption	16.8W
Standby consumption	0.7W
Storage	-5 - +60°C / +23 - +140°F, 20 - 90% RH
Operation	+5 - +40°C / +41 - +104°F, 20 - 80% RH
Work height	Min: 50mm/1.9", Max: 320mm/12.6"
Work depth	385mm/15.2"
Auto Monitor Detect	Yes
Plug connection	HDMI output, HDMI input, USB 3.0 output, USB 2.0 input, Ethernet and Sub-D for Control box

# TAGARNO FHD **PRESTIGE**

**ERGONOMICS | USER-FRIENDLY | MULTIVIEWER | DOCUMENTATION**

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# TAGARNO FHD **PRESTIGE**

## Technical Specification

**ERGONOMICS | USER-FRIENDLY | MULTIVIEWER | DOCUMENTATION**

### **ERGONOMICS**

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### **MULTIVIEWER**

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### **CREATE HIGH QUALITY IMAGE DOCUMENTATION OF ITEMS WITH VARYING HEIGHT**

Create high quality documentation images easily with the Focus Stacking feature. Create one ultra-sharp image from top to bottom of an object by automatically stacking images at different focus heights on top of each other. No blurred or out of focus areas of the image.

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### **USER-FRIENDLINESS**

TAGARNO digital microscopes saves you time since they are user-friendly all-in-one solutions, which make it easy to use the TAGARNO microscopes with little or no training at all, making ease of use one of your most important benefits - just "plug and play". At the same time, all microscopes from TAGARNO are designed, developed and manufactured in Denmark. The digital microscopes are made only from high quality materials and surface treatments for a long lasting product which requires no maintenance.

### **DOCUMENTATION**

Via a single snapshot you are able to create easily shareable high-quality documentation as high definition images, produced by high-resolution cameras and displayed on high-definition monitors and computers. With stand alone or computer connected digital microscopes, TAGARNO paves the way for considerably improved communication between coworkers, within departments, companies and supply chains, by enabling you to document, share and explain your work and results to multiple viewers at the same time.

to colleagues and business partners with 3rd party software.

### **GREAT STABILITY ENABLES HIGH MAGNIFICATION LEVELS**

Depending on your choice of lens, TAGARNO FHD PRESTIGE is able to magnify from 1.6x to 590x on a 22" monitor - and even more on larger screens. The stability and great image quality allows you to get a great field of view. This means, that you can overlook larger areas of a magnified object, than with traditional microscopes at minimum zoom.

### **MONITOR WITHOUT USING A COMPUTER WITH A TAGARNO STANDALONE DIGITAL MICROSCOPE**

Turn the vertical, horizontal or vertical/horizontal OSD ruler on/off to get a ruler displayed in metrics or imperial units on top of your live image on screen, according to preferred measuring units. It is also possible to save an image with graphics from the ruler function. Set the ruler color to your preferred color choice, to separate it from your displayed object.

# TAGARNO FHD **PRESTIGE**

## Technical Specification

### FEATURES

Auto & Manual Focus	Picture flip	Image format
Iris, Gain & Exposure Time	Start and lock magnification	Auto capture mode and interval
Snapshot	Closeup Lenses	System units
Presets	Date and time	Focus stacking
White balance calibration	Ruler on/off and choose ruler color	
Turn light on/off	Monitor width or Monitor Auto Detect	

### LENS

Dimensions	58 mm/2.3"
Included lens	+4

LENS	Lens to object distance	Magnification on 22" monitor
+4	250 mm/9.8"	1.7x - 33.6x
+5	200 mm/7.9"	2.1x - 42.2x
+10	100 mm/3.9"	4.1x - 82.2x
+25	34mm/1.34"	9.6x - 297.1x
+50	33,5mm/1.3"	19x - 592.40x

### RECOMMENDED MONITOR FORMAT

Panel format	16:9 (Widescreen)
How to link	DVI or HDMI input
Response time	2 ms
Signal format	FHD 1920x1080

### ACCESSORIES

Lens, +4, +5, +10, +25, +50	FHD monitor 22" and 24	Flexarm
XPLUS FHD Control box	Mounting arm for monitor	Cleaning kit
XKEY Control box	Table and wall mount for monitor arm	Dust cover
Foot switch	Circular tilting table	
Ring light kit	Height Adjustment Table	
Ultra Violet ring light	XY-Table	
Infrared ring light	Backlight kit	

# TAGARNO FHD **PRESTIGE**

## Technical Specification

### TAGARNO FHD PRESTIGE | BASE

Dimensions	H: 464mm/18.3", D: 325mm/12.8", W: 275mm/10.8"
Weight	11 kg/24,25 lbs
Camera resolution	FHD 1080p, 1920x1080@60Hz
Camera zoom	30x optical
Autofocus	Yes
Power consumption	16.8W
Standby consumption	0.7W
Storage	-5 - +60°C / +23 - +140°F, 20 - 90% RH
Operation	+5 - +40°C / +41 - +104°F, 20 - 80% RH
Work height	Min: 27mm/1.06", Max: 225mm/8.85"
Work depth	150mm/5.91"
Auto Monitor Detect	Yes
Plug connection	HDMI output, HDMI input, USB 3.0 output, USB 2.0 input, Ethernet and Sub-D for Control box

### TAGARNO FHD PRESTIGE | BACKLIGHT

Dimensions	H: 460mm/18.1", D: 360mm/14.2", W: 320mm/12.6"
Weight	14,0 kg/30.86 lbs
Camera resolution	FHD 1080p, 1920x1080@60Hz
Camera zoom	30x optical
Autofocus	Yes
Power consumption	27W
Standby consumption	0.7W
Storage	-5 - +60°C / +23 - +140°F, 20 - 90% RH
Operation	+5 - +40°C / +41 - +104°F, 20 - 80% RH
Work height	Min: 27mm/1.06" Max: 270mm/10.63"
Work depth	150mm/5.91"
Auto Monitor Detect	Yes
Plug connection	HDMI output, HDMI input, USB 3.0 output, USB 2.0 input, Ethernet and Sub-D for Control box

# SOFTWARES

## MEASUREMENT SOFTWARE MILLI

TAGARNO measurement software enables you to quickly capture images, draw, write and share images. 1 year update fee included.

MILLI version of the measurement software has basic measurement options, camera and image control functions and easy drawing tools.

**Platforms:** WinVista / Win7 / Win 8 / Win10 (32+64bit)

Read more about measurement software download, licensing and assistance

**Art. no.** 108711 | MEASUREMENT SOFTWARE MILLI

**For:** TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO



## MEASUREMENT SOFTWARE MICRO

The uniquely developed and user-friendly measurement software provides you with a great opportunity to capture images and perform measurements, apply drawings and text and share captured images via a single click.

The MICRO version of the measurement software provide precise and user-friendly tools for 2D measurement. This version add valuable tools for non-contact testing and measurement purposes as well as for documentation. 1 year update fee included.

Platform: Xp/Vista/Win7/Win 8 (32+64bit)

**Includes:** Camera control / Measurement functions / Drawing tools / Image functions

**Platforms:** WinVista / Win7 / Win 8 / Win10 (32+64bit)

Read more about measurement software download, licensing and assistance

**Art. no.** 108712 | MEASUREMENT SOFTWARE MICRO

**For:** TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO





## MICROSCOPE SOFTWARE | WIN8/10

Capture, save and modify images and video in FULL HD resolution to document and easily share your work with software for our FHD digital microscope.

TAGARNO recommend using third-party software Windows 8/10 Camera App for saving and sharing images and video recording when using Windows 8/10 Operating Systems with your FULL HD digital microscope from TAGARNO: FHD ZIP and FHD ZAP,

To ensure optimum working conditions TAGARNO offers support when connecting third-party software with FHD ZIP and FHD ZAP. For further software support please contact Windows 8/10 Camera App Support. To make sure that the software works correctly, we have set up a list of recommended Minimum System Requirements

**For: TAGARNO FHD ZAP, TAGARNO FHD ZIP**

### TAGARNO SOFTWARES

108710	Upgrade package MILLI to MICRO
108728	MILLI update to latest version
108729	MICRO update to latest version
108706	Extra calibration sheets
108822	Dealer License (MICRO version - only available for dealer's sales staff) for HD UNO, HD TREND and HD PRESTIGE
306000	Focus stacking for FHD UNO

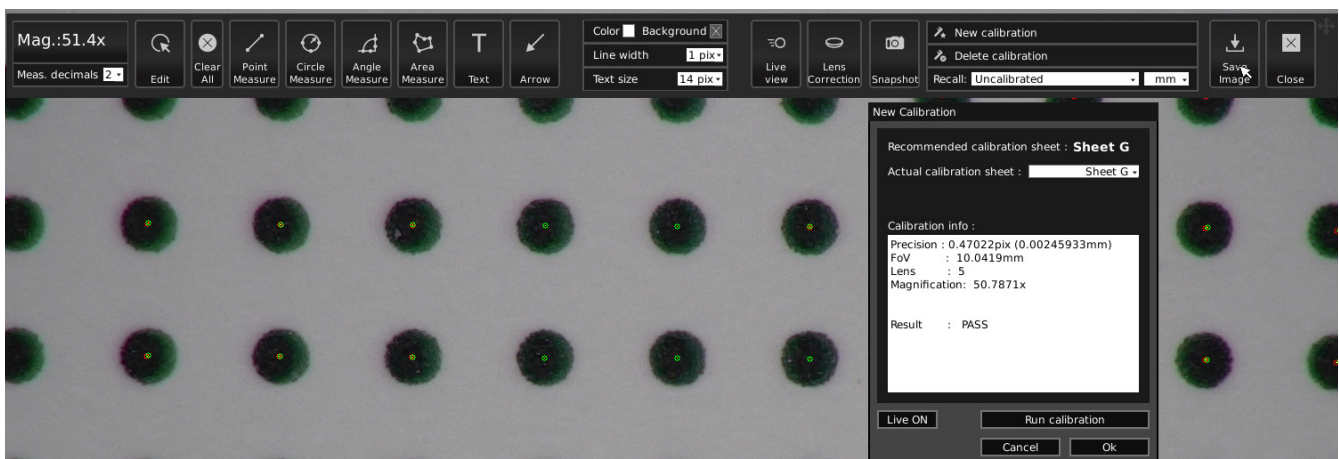
# MEASUREMENT APPLICATION

## TAGARNO Measurement Application

Now you can perform precise measurements directly from your FHD microscope

Perform precise measurements directly from your microscope  
- no external computer required

All you need is a mouse and keyboard connected directly to your microscope and activation of the software and you are good to go! No complicated installation procedures or difficult system requirements, just start performing measurements directly from your TAGARNO microscope.



The TAGARNO Measurement Application works with TAGARNO FHD PRESTIGE, FHD TREND and FHD UNO, and offers features such as point-to-point, circle, angle and area measurements as well as performing advanced calibrations, lens correction and text and arrow annotations. You are also able to toggle between live view and still image mode as well as capturing images and saving your work to USB memory stick with or without applied graphics.

## WITH THE NEW MEASUREMENT APPLICATION YOU GET

- Stand alone measurement microscope - no external computer
- Precise measurements due to lens correction and various calibration methods
- A selected range of tools for measuring various objects
- Quickly and free of charge update with new TAGARNO Measurement Application features
- User-friendly interface which is easily understood and intuitive to use
- Correct and precise material for documentation
- Basic camera control via live view, zoom and snapshot

The new measurement application is out now and you can be one of the first to start using it.

Send an e-mail to Sales Coordinator Lone Bie stating the names, art. no and quantities for the application and microscopes of your choice.

## WE WILL DO ALL THE WORK FOR YOU!

If you are purchasing a microscope with measurement application from today on forward, the application will be installed per default and the unique license key will be activated - if you want us to.

All you need to do is state in your order if you would like to have the application activated on some of the ordered microscopes. We will take care of the rest and you will receive the microscope with the measurement application activated and ready to use.

## WANT TO PURCHASE LICENSES TO ALREADY SOLD MICROSCOPES?

If you already have a FHD microscope, you can see information about the activation/installation processes below.

## ADDED OR CHANGED FEATURES IN THE NEW VERSION

Besides the Measurement Application, the Firmware update also contains a range of new options and corrections such as keyboard support and video format choice.

# ACCESSORIES



# CONTROL BOXES

## CONTROL BOX | XPLUS FHD

Set up a complete work station with this control box from TAGARNO. The control box allows you to easily control the microscope and provides you with access to a series of camera settings in the Setup menu.

Art. no. 304000 | CONTROL BOX | XPLUS FHD BLACK

For:  
TAGARNO FHD PRESTIGE, TAGARNO FHD TREND,  
TAGARNO FHD UNO



## CONTROL BOX | XPLUS

Set up a complete work station with this control box from TAGARNO. This control box provides you with a PC connection, a snapshot function and access to a series of advanced camera settings ect.

Art. no. 304000 | CONTROL BOX | XPLUS FHD BLACK

For:  
TAGARNO FHD PRESTIGE, TAGARNO FHD TREND,  
TAGARNO FHD UNO



## CONTROL BOX | XKEY

This user-friendly control box controls magnification and focus on your TAGARNO solution. The microscope control box is intuitive and you do not need time to adjust yourself to use it.

When used with TAGARNO FHD TREND, HD PRESTIGE or FHD UNO the control box also allows you to manually adjust the focus as well as iris, gain and exposure time.

When used with TAGARNO FHD ZAP or FHD ZIP the control box also allows you to manually adjust the focus.

For:  
TAGARNO FHD PRESTIGE, TAGARNO FHD TREND, TAGARNO FHD UNO,  
TAGARNO FHD ZAP, TAGARNO FHD ZIP



Art. no. 403040 |  
CONTROL BOX | XKEY

# FLEXARMS

## FLEX ARM WITH TABLE CLAMP



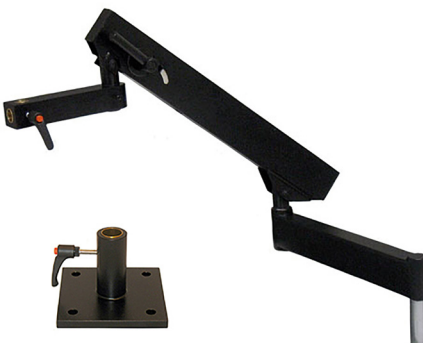
Flexarm, easy to move around and fix to a table side or a plate no thicker than 53mm/2.09".

Art.no.: 108720

For: HD/FHD UNO and HD/FHD TREND

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## FLEX ARM WITH TABLE MOUNT



Flex arm to be mounted on a horizontal surface.

Art.no.: 108721

For:  
HD/FHD UNO and HD/FHD TREND

## FLEX ARM WITH WALL MOUNT

Flex arm to be mounted on a vertical surface.

Art.no.: 108722

For: TAGARNO HD PRESTIGE, TAGARNO HD/FHD  
TREND, TAGARNO HD/FHD UNO



## FLEX ARM, ADVANCED

Adjustable strong flexarm. Comes with screws and weight plate.  
Available in black. Including a spacer, which ease the movement of the flexarm.

Art.no.: 109007

For: TAGARNO FHD ZAP





## FLEX ARM, BASIC



Easy to move around and fix to a table edge or a plate.

Art.no.: 108496

For: TAGARNO FHD ZAP



## FLEX ARM, WALL MOUNT



Art.no.: 109029 Black

Art.no.: 108912 White

Compatible with:  
Art.no.: 109007 Flexarm Advanced

## FLEX ARM, EXTENSION

Extends with 120mm/4.72"  
Length: 150mm/5.91"  
Art.no.: 108910 White  
Art.no.: 109039 Black

Extends with 220mm/8.66"  
Length: 250mm/9.48"  
Art.no.: 108911 White  
Art.no.: 109038 Black

Black Flexarm extensions includes a spacer, which ease the movement of the flexarm.

Compatible with:  
Art.no.: 108496 Flexarm, Basic  
Art.no.: 109007 Flexarm, Advanced  
Art.no.: 108498 Flexarm, Monitor  
Art.no.: 108736 Flexarm, Monitor



## MONITOR ARM

Steady and robust mounting arm with table holder for monitor. VESA 100x100, Black or white. Including a spacer, which ease the movement of the flexarm. Carrying capacity 3-10 kg.

Art.no.: 108498 MONITOR ARM BLACK 67mm.  
Art.no.: 108736 MONITOR ARM WHITE 67 mm.

Compatible with:  
Art.no.: 108362 MONITOR 22" FULL HD BLACK  
Art.no.: 108750 MONITOR 22" FULL HD WHITE  
Art.no.: 108417 MONITOR 24" FULL HD BLACK



# LENSES

## LENS +3 +4 +5 / Ø58MM.



TAGARNO offers a selection of high quality lenses. The lenses can be combined in a variety of ways, allowing you to create the level of magnification that suits your purpose best. Ø58mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor:

Art.no.: 108780 LENS +3 / Ø58mm. / 330mm/13.00" / 1.6x - 32.0x

Art.no.: 108691 LENS +4 / Ø58mm. / 250mm/9.84" / 2.2x - 41.0x

Art.no.: 108692 LENS +5 / Ø58mm. / 200mm/7.87" / 2.8x - 51.0x

### Combinations

LENS +3 and +4 / Ø58mm. / 138mm/5.43" / 3.9x - 73.0x

LENS +3 and +5 / Ø58mm. / 120mm/4.72" / 4.4x - 80.0x

LENS +4 and +5 / Ø58mm. / 105mm/4.13" / 5.0x - 95.0x

LENS +5 and +5 / Ø58mm. / 100mm/3.94" / 6.0x - 101x

For:

TAGARNO FHD PRESTIGE, TAGARNO FHD TREND, TAGARNO FHD UNO, TAGARNO FHD ZAP, TAGARNO FHD ZIP, TAGARNO HD PRESTIGE, TAGARNO HD TREND

## LENS +25 / Ø37MM.

TAGARNO offers a high quality +25 lens. Ø37mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor:

Art.no.:  
108638 LENS +25 / Ø37mm. /40mm./1.6" / 13.6x -  
249x

For:  
TAGARNO HD PRESTIGE, TAGARNO HD TREND



## LENS +32 / Ø37MM.

TAGARNO offers a high quality +32 lens. Ø37mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor:

Art.no.: 108639 LENS +32 / Ø37mm. / 31mm./1.2" /  
17.7x - 322x

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND



## LENS +3 / Ø52MM.



For: TAGARNO HD UNO

TAGARNO offers a selection of high quality lenses. The lenses can be combined in a variety of ways, allowing you to create the level of magnification that suits your purpose best. Dimension: Ø52mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor

Art.no.: 105069 LENS +3 / Ø52mm. /  
330mm/13.00" / 1.6x - 32.0x

Combinations:

LENS +3 and +4 / 138mm/5.43" / 3.9x - 73.0x

LENS +3 and +5 / 120mm/4.72" / 4.4x - 80.0x

LENS +4 and +5 / 105mm/4.13" / 5.0x - 95.0x

LENS +5 and +5 / 100mm/3.94" / 6.0x - 101x

## LENS +4 / Ø52MM.



For:  
TAGARNO FHD ZIP,  
TAGARNO HD UNO,  
TAGARNO HD ZIP

TAGARNO offers a selection of high quality lenses. The lenses can be combined in a variety of ways, allowing you to create the level of magnification that suits your purpose best. Ø52mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor

Art.no.: 107920 LENS +4 / Ø52mm. / 250mm/9.84"  
/ 2.2x - 41.0x

Combinations:

LENS +3 and +4 / 138mm/5.43" / 3.9x - 73.0x

LENS +3 and +5 / 120mm/4.72" / 4.4x - 80.0x

LENS +4 and +5 / 105mm/4.13" / 5.0x - 95.0x

LENS +5 and +5 / 100mm/3.94" / 6.0x - 101x

## LENS +5 / Ø52MM.

TAGARNO offers a selection of high quality lenses. The lenses can be combined in a variety of ways, allowing you to create the level of magnification that suits your purpose best. Ø52mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on 22" monitor:

Art.no.: 108269 LENS +5 / Ø52mm. / 200mm/7.87" / 2.8x - 51.0x

Combinations:

LENS +3 and +4 / 138mm/5.43" / 3.9x - 73.0x

LENS +3 and +5 / 120mm/4.72" / 4.4x - 80.0x

LENS +4 and +5 / 105mm/4.13" / 5.0x - 95.0x

LENS +5 and +5 / 100mm/3.94" / 6.0x - 101x



For: TAGARNO HD UNO

## PROTECTIVE LENS COVER / Ø52MM.

Protective cover for the lens to keep it clean and prevent damage.

Art.no.:  
108518 PROTECTIVE LENS COVER / Ø52mm.

Compatible with

Art.no.: 105069 LENS +3 / Ø52mm. / 330mm/13.00" / 1.6x - 32.0x

Art.no.: 107920 LENS +4 / Ø52mm. / 250mm/9.84" / 2.2x - 41.0x

Art.no.: 108269 LENS +5 / Ø52mm. / 200mm/7.87" / 2.8x - 51.0x



For: TAGARNO FHD ZIP, TAGARNO HD UNO, TAGARNO HD ZIP

## PROTECTIVE LENS COVER / Ø58MM.



For:

TAGARNO FHD ZAP, TAGARNO HD PRESTIGE,  
TAGARNO HD TREND, TAGARNO HD UNO

Compatible with

Art.no.: 108780 +3 LENS / 330mm/13.00" / 1.6x - 32.0x

Art.no.: 108691 +4 LENS / 250mm/9.84" / 2.2x - 41.0x

Art.no.: 108692 +5 LENS / 200mm/7.87" / 2.8x - 51.0x

Protective cover for the lens to keep it clean and prevent damage.

Art.no.: 108759 PROTECTIVE LENS COVER / Ø58mm.



## STEP RING / Ø52MM. TO Ø58MM.



STEP RING from 52mm to 58mm.

Required when using a LENS +10 on a  
TAGARNO HD UNO magnification system.

Art.no.: 108939 STEPRING / Ø52mm. to Ø58mm.

For:

TAGARNO HD UNO



## LENS +10 / Ø58MM.

TAGARNO offers a high quality +10 lens. For TAGARNO HD UNO a STEPRING (Art.no. 108939) is required. Ø58mm.

Lens / Lens diameter / Lens to object distance  
/ Magnification on a 22" monitor:

Art.no.: 109080 LENS +10 / Ø58mm. / 100mm/3.94"  
/ 5.5x - 101x

For: TAGARNO FHD PRESTIGE, TAGARNO FHD TREND,  
TAGARNO FHD UNO, TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO



## LENS +50 / Ø26MM.

TAGARNO offers a high quality +50 lens.

Lens / Lens diameter / Lens to object distance / Magnification on  
a 22" monitor:  
+50 / 26mm. / 33,5mm./1.3" / 225x - 450x

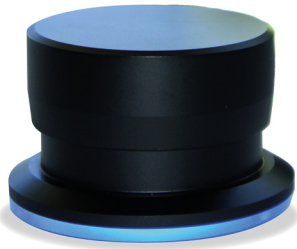
Art.no.: 1 Art. no. 108860 | LENS +50

For: TAGARNO FHD PRESTIGE, TAGARNO HD PRESTIGE



# LIGHTINGS

## ANALOG LED CONTROL BOX



ANALOG LED CONTROL BOX for RING LIGHTS and BACKLIGHT including power cord, enables you to adjust the light from 0 to 100%.

Art.no.: 109002 ANALOG LED CONTROL BOX

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

Compatible with:

Art.no.: 108436 MULTILIGHT WHITE LR60/110

Art.no.: 108569 UV RING LIGHT

Art.no.: 108570 INFRARED RING LIGHT

## ANALOG UV RING LIGHT KIT FOR +4 OR +5



With 200mm Fresnel lens

Art.no.: 109026 Analog UV ring light kit for +4 or +5 with 200mm Fresnel lens

For: GENERAL

## DIGITAL LED CONTROL BOX NT II



DIGITAL LED CONTROL BOX NT II including the AC adapter enables you to control the light in different segments.

Compatible with:

Art.no.: 108436 MULTILIGHT WHITE LR60/110

Art.no.: 108569 UV RING LIGHT

Art.no.: 108570 INFRARED RING LIGHT

Art.no.: 108440 DIGITAL LED CONTROL BOX NT II

For: TAGARNO HD TREND, TAGARNO HD UNO

## DIGITAL UV RING LIGHT KIT FOR +4 TO +5

with 200mm Fresnel lens

Art.no.: 108748 Digital UV ring light kit for +4 to +5  
with 200mm Fresnel lens

For: GENERAL



## DIGITAL UV RING LIGHT KIT FOR +7 TO +10

with 100mm Fresnel lens

Art.no.: 108747 Digital UV ring light kit for +7  
to +10 with 100mm Fresnel lens

For: GENERAL



## FRESNEL LENS AA / 100MM.

FRESNEL LENS AA / 100mm. from TAGARNO is used to focus the light at a height of 100mm. and should be mounted under the MULTILIGHT WHITE LR60/110 (Art.no. 108436)

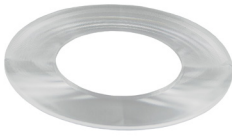
Art.no.: 108437 FRESNEL LENS AA / 100mm.

Compatible with:  
Art.no.: 108436 MULTILIGHT WHITE LR60/110

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO



## FRESNEL LENS AA / 200MM.



FRESNEL LENS AA / 200mm. from TAGARNO is used to focus the light at a height of 200mm. and should be mounted under the MULTILIGHT WHITE LR60/110.

Art.no.: 108587 FRESNEL LENS AA / 200mm.

Compatible with:

Art.no.: 108436 MULTILIGHT WHITE LR60/110

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

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## FRESNEL LENS AA / 50MM.



FRESNEL LENS AA / 50MM. from TAGARNO is used to focus the light at a height of 50mm. and should be mounted under the MULTILIGHT WHITE LR60/110 (Art.no. 108436).

Art.no.: 108632 FRESNEL LENS AA / 50mm.

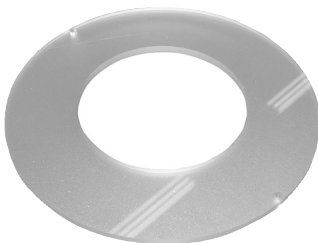
Compatible with:

Art.no.: 108436 MULTILIGHT WHITE LR60/110

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

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## OPTICAL DIFFUSER FILTER



To be used if the light source diodes gives a point light that is too sharp. The light will be diffused through the filter.

Art.no. 108439: OPTICAL DIFFUSER FILTER

Compatible with:

Art.no. 108436: RINGLIGHT WHITE LR60/110

## RING LIGHT KIT 1, BASIC ANALOG

BASIC ANALOG RING LIGHT KIT 1 for TAGARNO HD ZAP and TAGARNO FHD ZAP includes:

- DIFFUSOR FILTER
- RING LIGHT with 48 LEDs
- CONTROL BOX



For: TAGARNO FHD ZAP, TAGARNO HD ZAP

Working distance: 45mm. - 150mm.

Art.no.: 109013 BASIC ANALOG RING LIGHT KIT 1

## RING LIGHT KIT, ANALOG / +7 OR +10 LENS

ANALOG RING LIGHT KIT / +7 to +10 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 100mm. FRESNEL LENS
- ANALOG LED CONTROL BOX



Working height 80 - 150mm.

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

Art.no.: 108459 ANALOG RING LIGHT KIT / +7 to +10 LENS

## RING LIGHT KIT, ANALOG /+25 OR +32 LENS

ANALOG RING LIGHT KIT

/ +25 or +32 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 50mm. + 100mm. FRESNEL LENS
- ANALOG LED CONTROL BOX

Working height 30 - 40mm.



Art.no.: 108775 ANALOG RING LIGHT KIT / +25 or +32 LENS

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

## RING LIGHT KIT, ANALOG / +4 OR +5 LENS



### ANALOG RING LIGHT KIT

/ +4 or +5 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 200mm. FRESNEL LENS
- ANALOG LED CONTROL BOX

Working height 150 - 220mm.

For:

TAGARNO HD PRESTIGE,  
TAGARNO HD TREND,  
TAGARNO HD UNO

Art.no.:

108774 ANALOG RING LIGHT KIT  
/ +4 or +5 LENS



## RING LIGHT KIT, DIGITAL / +25 OR +32 LENS



### DIGITAL RING LIGHT KIT

/ +25 or +32 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 50mm. + 100mm. FRESNEL LENS
- DIGITAL LED CONTROL BOX NT II

Working height 30 - 40mm.

Art.no.: 108758 DIGITAL RING LIGHT  
KIT / +25 or +32 LENS

For:

TAGARNO HD PRESTIGE, TAGARNO HD TREND,  
TAGARNO HD UNO

## RING LIGHT KIT, DIGITAL / +7 OR +10 LENS

### DIGITAL RING LIGHT KIT

/ +7 to +10 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 100mm. FRESNEL LENS
- DIGITAL LED CONTROL BOX NT II

Working height 80 - 150mm.



For:

TAGARNO HD PRESTIGE,  
TAGARNO HD TREND,  
TAGARNO HD UNO

Art.no.:

108442 DIGITAL RING LIGHT KIT / +7 to +10 LENS

## RING LIGHT KIT, DIGITAL / +4 OR +5 LENS



### DIGITAL RING LIGHT KIT

/ +4 or +5 LENS includes:

- MULTILIGHT WHITE LR60/110 RING LIGHT
- 200mm. FRESNEL LENS
- DIGITAL LED CONTROL BOX NT II

Working height 150 - 220mm.

Art.no.: 108637 DIGITAL RING LIGHT KIT / +4 or +5 LENS

For: TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO



## RING LIGHT, POLARISER



To be used to minimize the direct reflection from e.g. solderings when inspecting items.

Compatible with:

Art.no.: 108436 Ring Light, White

Art.no.: 108793 - Ø 58mm

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## RING LIGHT, WHITE LR60/110



Use MULTILIGHT WHITE LR60/110 (LED ring light) when extra light settings is needed for your TAGARNO system from TAGARNO.

Art.no.: 108436 MULTILIGHT WHITE LR60/110

For:

TAGARNO HD PRESTIGE, TAGARNO HD TREND,  
TAGARNO HD UNO

## RING LIGHT, INFRARED

The IR ring light supplies you with IR lighting in different intensities. The infrared light has a wavelength of 875 nm. The IR ring light can be used with both the analog and the digital control box.

Compatible with:

Art.no.: 109002 Ring Light, Control box analog

Art.no.: 108440 Ring Light, Control box digital

Note!: The IR ring light requires a TAGARNO HD unit produced after July 2010, from serial no.: 22127 and onwards. Measurement software is required to turn IR cutfilter on/off.



Art.no.: 108570

For:

TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

## RING LIGHT, UV

The UV ring light supplies you with UV lighting in different intensities. The UV light has a wavelength of 365 nm. The UV ring light can be used with both the analog and the digital control box.

For:

TAGARNO HD PRESTIGE, TAGARNO HD TREND,  
TAGARNO HD UNO



Art.no.: 108569

# TABLES

## TABLE, HEIGHT ADJUSTABLE



For easy and precise adjustment of the focus height under your TAGARNO HD UNO solution, try our height adjustable table. The table plate is covered with an ESD-secure material that prevents static damage to the object you are working on.

For: TAGARNO HD UNO

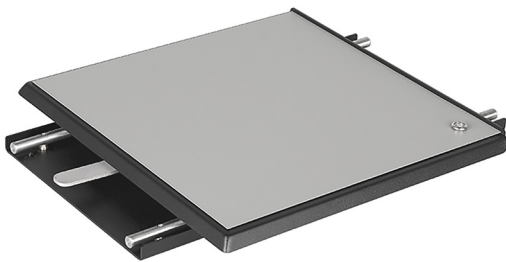
Art.no.: 108502

Measures:

D: 200mm/7.87" , W: 200mm/7.87" , H: 65mm/2.56" - 280mm/11.02"



## TABLE, SEPARATE XY



Steady XY table for easy control of the magnified object. The separate XY table is small and easy to move. The table plate is covered with an ESD-secure material that prevents static damage to the object you are working on.

Measures:

Table: D: 40 cm, W: 32 cm, H: 4,2 cm

XY table: D: 32 cm, W: 32 cm

Movement:

X: 175 mm Y: 250 mm

Art.no.: 108501

For:

TAGARNO FHD ZAP, TAGARNO HD PRESTIGE,  
TAGARNO HD TREND, TAGARNO HD UNO, TAGARNO HD ZAP

## TABLE, TILTING

For perfect angling of the object you are working on under TAGARNO HD UNO or TAGARNO HD TREND solutions, try our stable and manoeuvrable tilting table. The table plate is covered with an ESD-secure material that prevents static damage to the object you are working on and keeps it at its place.

Measures:

R: 10 cm

H: 8,5 cm

For:

TAGARNO FHD ZAP, TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO, TAGARNO HD ZAP



Art.no.: 108271

## TABLE, XY

Large and steady XY table for easy control of the magnified object. The table plate is covered with an ESD-secure material that prevents static damage to the object you are working on. You can mount TAGARNO HD securely to this XY table making it the same setup as the TAGARNO HD XY.

Measures:

Table: D: 52 cm, W: 52 cm, H: 5 cm

XY table: D: 30 cm, W: 52 cm

Movement:

X: 385 mm Y: 295 mm



Art.no.: 108500

For:

TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

## ANGLE BRACKET



This strong bracket can be mounted in three ways (left, right and top). Optimal for wall mount of TAGARNO: HD ZAP and FHD ZAP.

For:  
TAGARNO FHD ZAP, TAGARNO HD ZAP

Art.no.: 470610 ANGLE BRACKET

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## CABLE, DVI - DISPLAY PORT



1,8 m cable.

Art.nr.: 108631

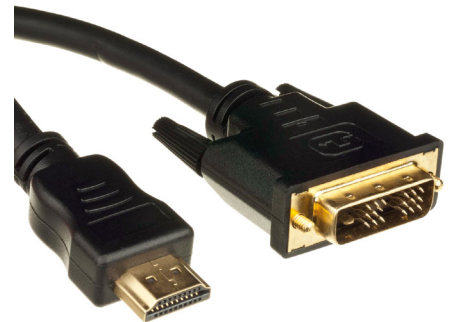
For:  
TAGARNO HD PRESTIGE, TAGARNO HD TREND, TAGARNO HD UNO

## CABLE, DVI - HDMI

2m cable.

Art.no.: 108395

For:  
TAGARNO FHD ZIP, TAGARNO HD PRESTIGE,  
TAGARNO HD TREND, TAGARNO HD UNO,  
TAGARNO HD ZIP



## CLEANING KIT

We recommend the CLEANING KIT from TAGARNO for the regular maintenance of your TAGARNO solution.

For:  
TAGARNO HD PRESTIGE

Art.no.:  
490650 DUST COVER / TAGARNO HD PRESTIGE



## DUST COVER / TAGARNO HD PRESTIGE



A protective dust cover, which protects TAGARNO HD PRESTIGE unit from dust and external pollution when it is not used.

Art.no.:  
490650 DUST COVER / TAGARNO HD PRESTIGE

For:  
TAGARNO HD PRESTIGE



## DUST COVER / TAGARNO: HD UNO AND HD TREND



A protective dust cover, which protects TAGARNO HD UNO AND TAGARNO HD TREND from dust and external pollution when it is not used.

Art.no.: 108906 DUST COVER / TAGARNO: HD UNO AND  
HD TREND

For:  
TAGARNO HD TREND, TAGARNO HD UNO



## STOP RING

This aluminium STOP RING will prevent the arm from sliding down at side movements.

Art.no: 108883 STOP RING

For:  
TAGARNO HD TREND



## FOOT SWITCH

Control the level of magnification on your TAGARNO solution without using your hands. Perfect for soldering and other activities that require both magnification and the use of both hands. The FOOT SWITCH can be used in combination with both XLINK and XPLUS CONTROL BOXES. Together with a FHD magnification system it also can adjust the focus.

Art.no.: 403005 FOOT SWITCH

For: All TAGARNO digital microscopes





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