



GOKO Imaging Devices Co., Ltd.
Imaging Products

**MADE IN
JAPAN**



**Amazing clarity with 620x magnification
Can change magnification
without changing lenses**

“Simple but Brilliant”

**With intelligence, financial
stability and flexibility to get over
any change in circumstances.**

 **GOKO Imaging Devices Co., Ltd.**

Head Office / GOKO Bldg., 3-380 Tsukagoshi Saiwai-ku, Kawasaki, Kanagawa, 212-0024 JAPAN
TEL +81-44-544-1313 FAX +81-44-555-6157

Iida Office / 1215 Kanaeshimoyama, Iida, Nagano, 395-0803 JAPAN
TEL +81-265-53-5515 FAX +81-265-53-5521


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Features

Amazing clarity with 620x magnification! Can change magnification without changing lenses.

The image is amazingly clear. It achieves 620x magnification (on a 20-inch monitor). Since it adopts an optical zoom, the image is not pixelated by a digital zoom.

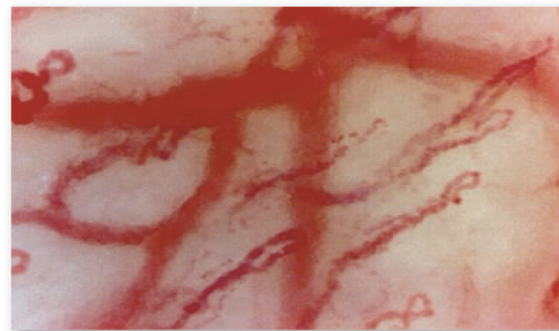
Magnification can be switched immediately between 175x and 620x without changing lenses. This is another reason why GOKO products are highly supported by professionals all over the world.



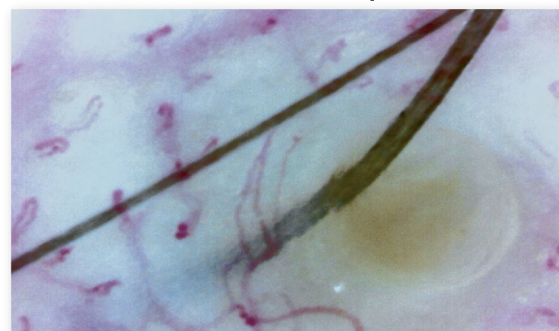
Tongue (175X)



Tongue (620X)



Back of the lower lip (620X)



Scalp (620X)

The depth of field at high magnification has been increased by 10%!

"Depth of field" refers to the area in front of and behind the subject that appears to be in focus when the subject is in focus.

The depth of field of GOKO Bscan-ZD at high magnification is even 10% deeper than that of the previous model, allowing you to observe skin capillaries of the whole body even more vividly.

2 Ways to use: Both fingertip and full-body observation in one unit!

Stand (standard accessory)

For nailfold observation. The stand can be moved in three directions to X, Y, and Z. The finger stand is designed for easy placement of fingers and to protect long fingernails as well. Equipped with a unique "camera shake prevention cap".



Movement (back\ forth, left/right movement of the finger rest)



Even for people with long nails.

Friendly design for easy finger placement

Camera Handgrip (Optional accessory)

For observation of all body surfaces. Designed to be easy to hold and operate.



Easy focus and magnification adjustment with one hand



Blood flow can be observed without putting pressure on the affected area.

GOKO Bscan capillaroscope series, which boasts of the industry's top sharpness, has sold more than 3,000 units, and has evolved even further.

You can choose the model that best suits your needs: GOKO Bscan-ZD for those who want to connect directly to a PC, and GOKO Bscan-Z for those who do not want to use a PC or want to connect to both an analog monitor and a PC.

Model	Output	No. of pixels	Magnification (Lower/Higher)
GOKO Bscan-Z	NTSC Composite	0.52M	145X, 590X
GOKO Bscan-ZD	USB Digital	1.3M	177X, 620X

USB-powered. Direct connection to PC with a single cable.

Can be connected directly to your Windows 10 computer. No power cable or AC adapter is required.

Images can also be viewed and captured on a Mac; contact us for Mac software support.



Direct connection to PC

Specifications

Camera Unit

Model	GOKO EV-80ZD
Image Signal	1/3" CMOS Color Camera 1.3M pixels, Global shutter
Electronic Shutter	Automatic (Can be fixed via the software GOKO Measure)
Frame Rate	30fps max.
Focusing Method	Adjust by turning the focus ring
Magnification	Lower: approx. 175X, Higher: approx. 620X (on 20-inch monitor)
Lighting System	Direct lighting by high luminosity LED
Image Output	USB 2.0 digital output by USB2.0 (USB Type A Male)
Power Source	DC5V, USB bus power
Operating Temperature	0 ~ +40°C
Operating Humidity	MAX60%RH (without condensation)
Dimensions	φ45 (external diameter) × 97 (length)mm (except protrusion, without the Focus Cap) φ45 (external diameter) × 103 (length)mm (with the Focus Cap)
Cable Length	USB cable 1.5m (USB Type A - USB Micro B)
Weight	127g (without the cable and the Focus Cap)
Attachments	① Focus Cap ② Anti-vibration attachment for observing nailfold capillaries ③ Protection Cap ④ USB Cable ⑤ Oil ⑥ Gel ⑦ Case for the GOKO Bscan-Z/ZD (Smaller) ⑧ Software GOKO Measure ⑨ Manual
Location of Manufacture	Japan

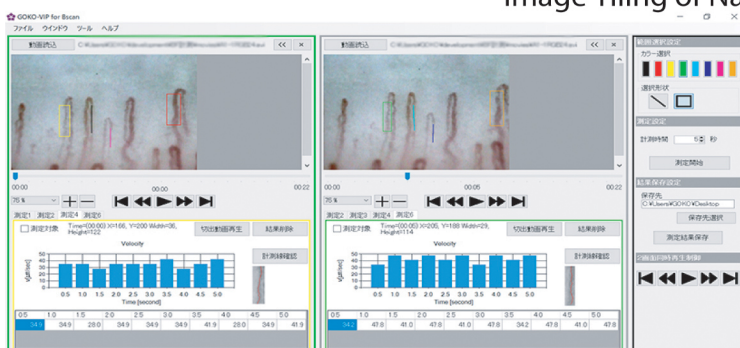
Stand Unit

Model	ST-600Z
Dimensions	Base unit: φ120mm, camera holder unit: φ58mm, height 72.5mm
Weight	250g
Range of the movement of the Stage Unit	10mm in a crosswise direction
Range of the movement of the Camera Holder Unit	10mm vertically
Overall height with the Camera Unit	132mm, except protrusion
Location of Manufacturer	Japan

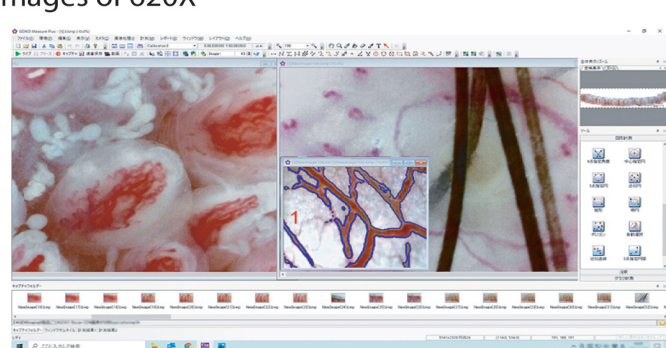
(Example of Image Tiling)



Image Tiling of Nailfold Images of 620X



GOKO-VIP for the velocity measurement



GOKO Measure Plus for advanced image processing / analysis