

**RODENSTOCK** Instruments



Making analysis  
fashionable

# FundusScope

Non-mydriatic  
Fundus Camera

# The FundusScope: Tune up your business

## The formula for success

The FundusScope captures high-resolution images of the retina with a focus on usability and patient comfort.

## What's your benefit?

Be competitive and provide added value compared to online stores and competitors.



### Patient-friendly

Non-mydratic, does not require pupil dilation



### Added value

Offer new services and increase customer frequency



### Competency

Gain more expertise in the field of vision screening



### Easy-to-operate

Fully automatic focusing and image capturing



### Time saving

Take one fundus image within approximately 15 seconds



### Stand-alone

All-in-one fundus camera with built-in computer



Taking fundus images has never been easier, **without compromising the quality of images.** Take advantage of the FundusScope non-mydratic fundus camera – offer your customers an additional service and set yourself apart from your competitors.



”

The FundusScope harmonises perfectly with my AI screening software provider.

“

Your digital partner in consulting.

## Outstanding features



### Image quality

The 12-megapixel sensor and the LED flash captures high-resolution images

### User interface

Image taking and reviewing is very user-friendly by using the 10.1" touch panel

### Field of view

The field of view of 45° can be extended up to 80°

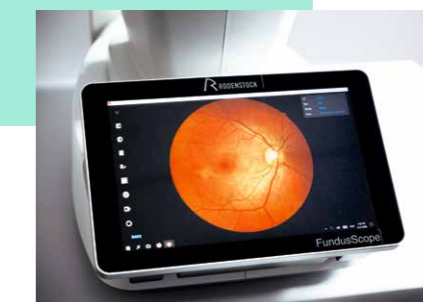
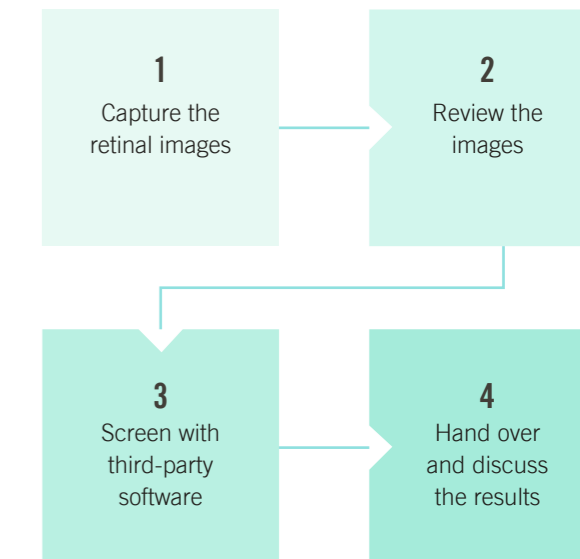
### Fixation

Change the region of interest by choosing one out of ten fixation points

### Image capturing

Automatic eye tracking, autofocus and autoshot

Thanks to the perfect integration of third-party AI-based screening software, the FundusScope is the right tool for the screening of AMD, diabetic retinopathy and glaucoma.



# Specifications

## FEATURES AND FUNCTIONS

Type	Digital non-mydratric retina camera
Type of photography	Colour, digital red-free, anterior eye image
Light source	Observation light source: Infrared LED Flash light source: White LED
Auto exposure	YES
Autofocusing	YES
Image	12 MP
Image resolution	4096 × 3072
Alignment	Fully automatic 3D tracking
Chin rest	Motorised

## MEASUREMENT

Field of view	45° × 45° up to 80°
Minimum pupil size	4 mm
Working distance	25 mm
Focus adjustment range	-15D to +10D (without compensation lens) -30D to +30D (with compensation lens)
Flash intensity	10 levels, can be set manually
Eye fixation	10 internal points

## NETWORKING CAPABILITY

Interface	USB 2.0, Ethernet, HDMI, WI-FI
Image format	JPEG, PNG, DICOM, BMP

## OPERATING ENVIRONMENT

Temperature	10°C to 35°C
Humidity	30% to 90% (no condensation)

## DIMENSIONS & ELECTRICAL REQUIREMENTS

Dimensions WDH	282 × 485 × 492 mm
Weight	17 kg
Voltage	100 to 240 VAC
Frequency	50/60 Hz
Power consumption	< 150 W

**RODENSTOCK Instruments**  
 Wiesbadener Strasse 21  
 90427 Nürnberg, Germany  
 Phone +49 (0)911 938 546 2777  
 Fax +49 (0)911 938 546 220  
 info@rodenstock-instruments.de  
 www.rodenstock-instruments.de

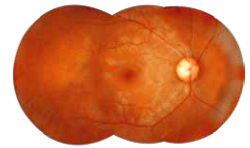
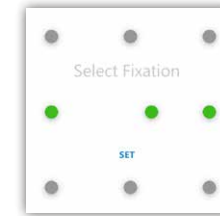


Rodenstock Instruments is a  
 business unit of Tomey GmbH

202004 – subject to change without notice

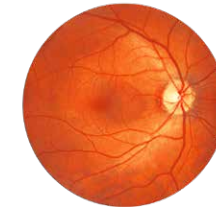
## Multi-imaging display

For multi-imaging you have the possibility to select up to three out of nine fixation points. The field of view will extend up to 80°.

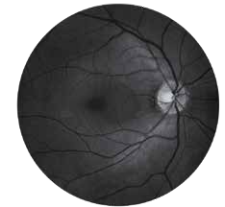


## Capture and review options

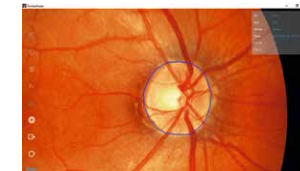
The FundusScope software offers various display and filter options. Performing cup-to-disc measurements or pinching to zoom for more detail are just two of the possibilities.



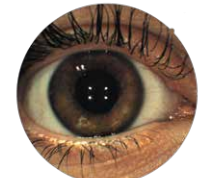
Colour fundus image



Digital red-free filter



Cup-to-disc measurement



Corneal image

## Connectivity

The FundusScope is very flexible in its connection. It is equipped with USB, LAN, WI-FI and HDMI interfaces.



USB



LAN



WI-FI



HDMI

