

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

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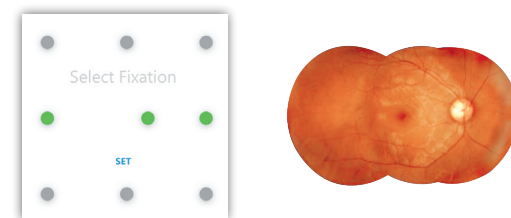
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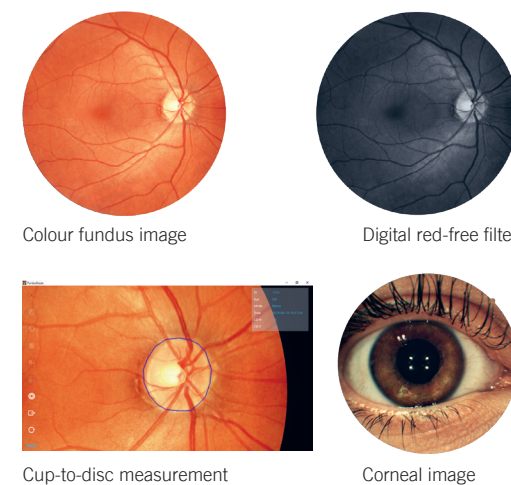
Multi-imaging display

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.



Connectivity

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



RODENSTOCK Instruments



Making analysis fashionable

FundusScope

Non-mydratric 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.



” The FundusScope harmonises perfectly with my AI screening software provider.

“

Your digital partner in consulting.

What's your benefit?

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



Patient-friendly

Non-mydriatic, 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-mydriatic fundus camera – offer your customers an additional service and set yourself apart from your competitors.

Outstanding features

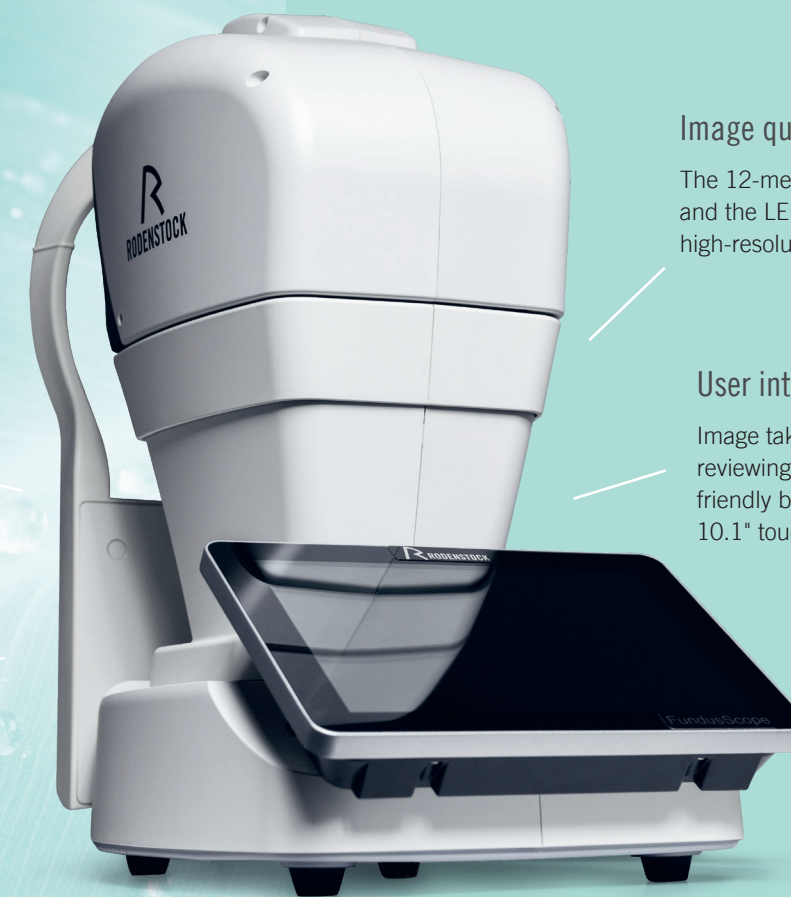


Image quality

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°

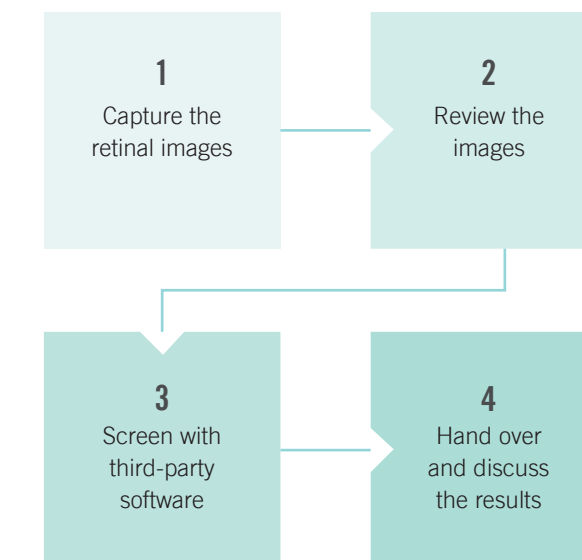
Fixation

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.



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