

SUOER

Ophthalmic Wide Field
Imaging System

SW-8000/SW-8000P



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OPHTHALMIC EQUIPMENT

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SUOER ROP Screener and ROP Screener Portable (SW-8000/SW-8000P) are world's first Wide Field Color Retinal Camera with Built-in Fluorescein Angiography for Retinopathy of Prematurity. Portable compact device capturing high-resolution images and the benefit of video recording. Simple to operate and a USB 3.0 compatible device can easily work with any laptop. Suitable for various screening scenarios.

Technical data

SW-8000 ROP is a Wide Field camera, very light with easy handling. Is integrating Light Source, Refractive compensation and High resolution Imaging system

Probe Diameter	8.1mm (smallest probe in the market)
Probe Weight	527.3gr (the lightest in the market)
Probe connectivity	USB3.0 Plug & Play
Wide Field of View	135° to 144°
Light Source	LED, Colour Light Source
Center field of view	≥ 30 lp/mm
Middle field of view	(±22.5°) ≥ 20 lp/mm
Edge field of view	(±45°) ≥ 15 lp/mm
Illumination Source	white LED
Min. Pupil Diameter	4mm
Adjustment	Brightness, Focus, Balance, Contrast, Intensity
Image resolution	8 Megapixel and 1440x1440 24 bit colour
Imaging	Still Images & Video Images
Connectivity	DICOM, Internet, USB
Power Supply	220V
Optional Fluorescein Angiography Module	



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Tianjin Suowei
Electronic Technology Co., Ltd.

Address: Room 2-201, 2#Building No. 6,
Zhuyuan Road,
Huayuan Industrial Zone,
Nankai District, Tianjin, China
Tel: +86-22-8371 2745
Fax: +86-22-8371 2645



2nd km Katerinis - Elassonas, Katerini, Greece
Branch: Evelpidon 61-63
11362 Athens, Greece

Tel: +30 23510 79750 / +30 210 5750572
e-mail: info@optohellas.com
www.optohellas.com

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