

# SUOER

## Ophthalmic Wide Field Imaging System SW-8000/SW-8000P



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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	Color Light Source; Fluorescence Angiography
Center field of view	$\geq 30$ lp/mm
Middle field of view	$(\pm 22.5^\circ) \geq 20$ lp/mm
Edge field of view	$(\pm 45^\circ) \geq 15$ lp/mm
Illumination Source	white LED



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