

# COMPACT SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY

**iVue**  
SD-OCT

**SIMPLE**

**PORTABLE**

**POWERFUL**

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**optovue**  
DEFINING THE OCT REVOLUTION

# iVue

The next wave of the revolution is here

The first spectral-domain OCT for every clinical practice. The iVue SD-OCT is the next phase in advanced OCT product design and the first true **WORLD OCT™**.

With the complete offering of retina, glaucoma and anterior segment scanning and review options as standard, iVue is the perfect advanced, yet easy-to-use OCT for most clinical practices. The streamlined user interface, small foot print and familiar slit lamp style delivery design, all contribute to fast and efficient clinical use and patient throughput.

As the true portable SD-OCT system on the market, iVue brings the high-speed, high-resolution spectral-domain OCT technology to clinicians nearly anywhere they need to be. Simple, Portable, Powerful... **iVue**

- ▶ Retina Thickness Map
- ▶ 5 Line Hi-res Raster
- ▶ Hi-resolution Cross Line
- ▶ Nerve Fiber Layer Map
- ▶ 3.45 RNFL TSNIT
- ▶ RNFL Symmetry Assessment
- ▶ Cornea Pachymetry Map
- ▶ Angle Measurement
- ▶ Cornea Slice
- ▶ Change Analysis
- ▶ OU Report



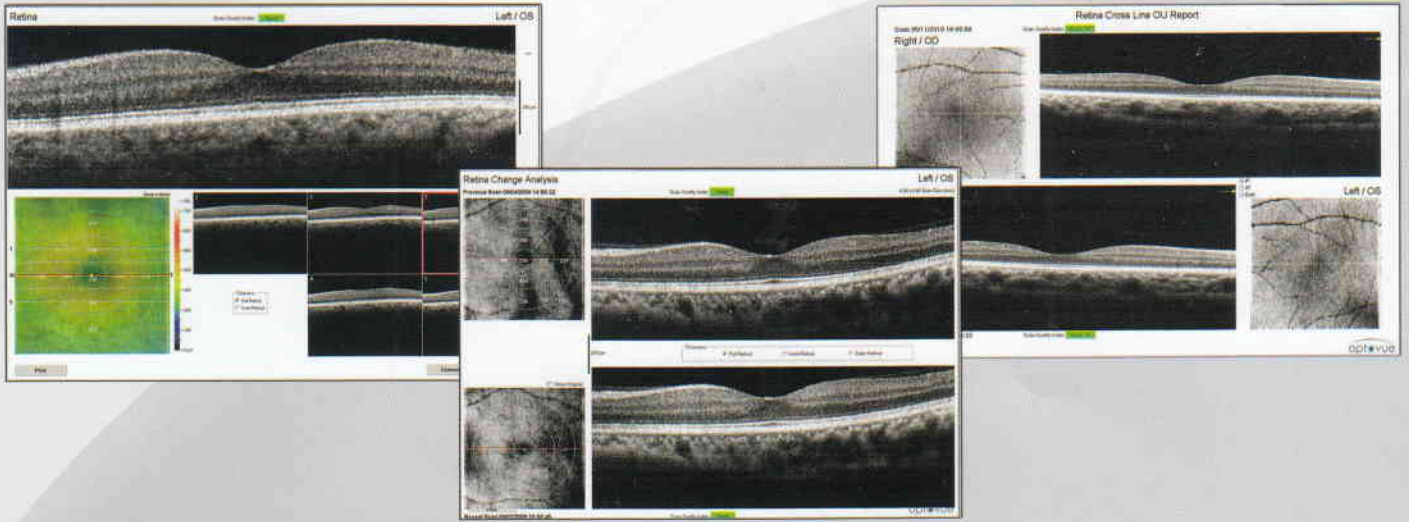
- ▶ 5 Micron resolution
- ▶ 26,000 A-scans/sec
- ▶ Scanner LCD touchscreen
- ▶ Additional foot switch control
- ▶ Rolling Case option



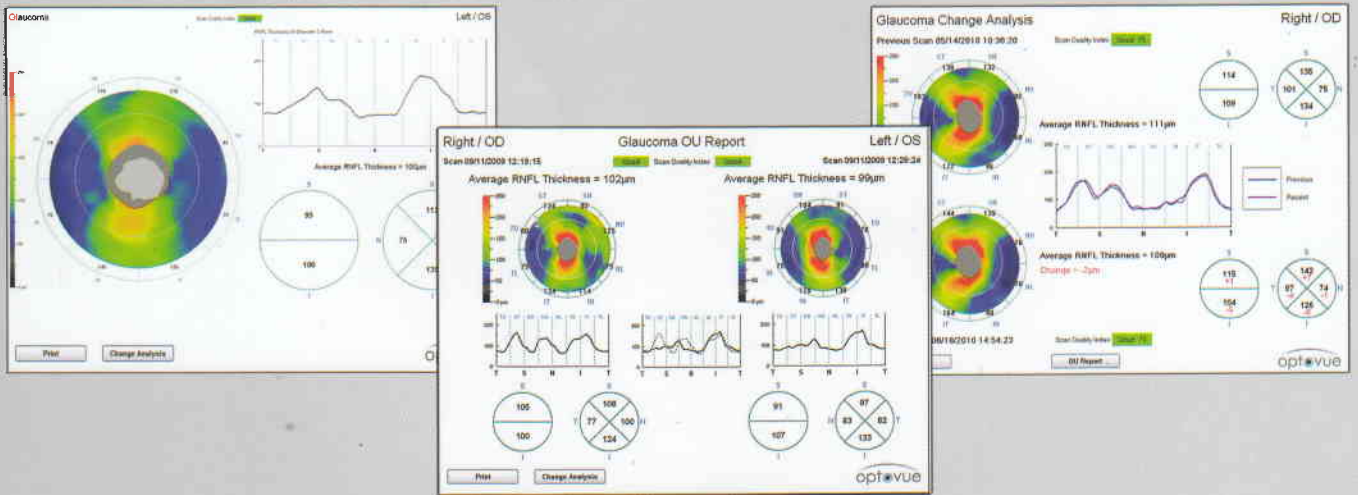
Optional Rolling Case  
26" x 18" x 17" @24 lbs



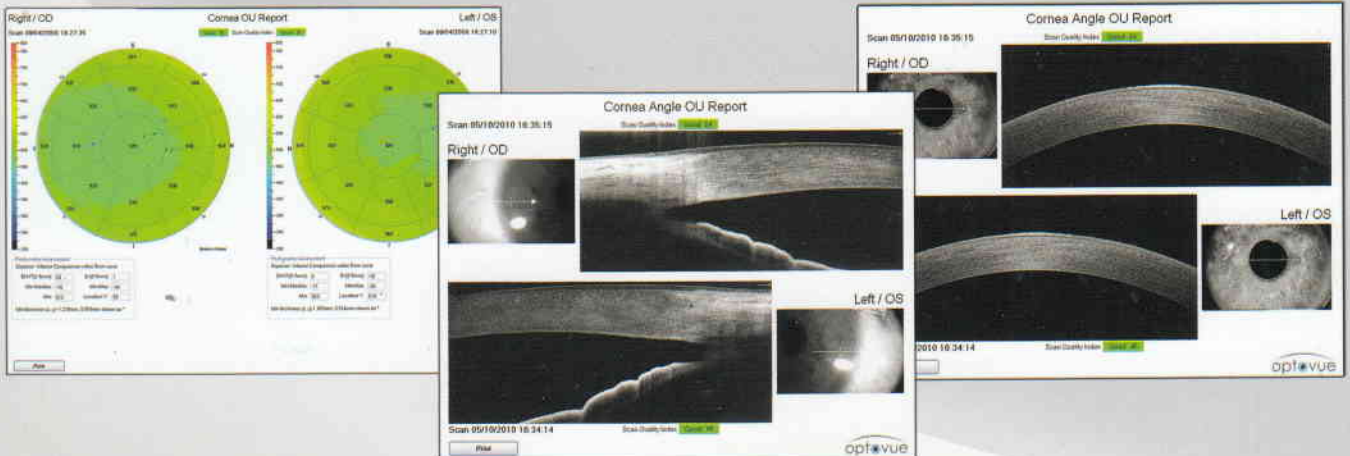
# Retina



# Nerve Fiber Assessment



# Cornea/Anterior



# iVue

## Specifications:

### iVue Scanner:

OCT Image: 26,000 A-scan/second  
Frame Rate: 256 to 1024 A-scan/Frame  
Depth Resolution (in tissue) : 5.0 $\mu$ m  
Transverse Resolution: 15 $\mu$ m (retina)

### Scan Range:

Depth: 2 - 2.3mm (retina)

### Scan Beam Wavelength:

$\lambda$ =840 $\pm$ 10nm

### Exposure Power at pupil:

750 $\mu$ W

### OCT Fundus Image (En face):

FOV: 21° (H) x 21° (V)

Minimum Pupil diameter: 2.5 mm

### External Image (Live IR)

FOV: 13mm x 9mm

### Patient Interface:

Working Distance: 22mm / 15mm

Motorized Focus Range: -15D to +12D

### Computer Unit:

Laptop PC  
Dual Core CPU  
15.6 Screen  
RAM: 3GB

Scanner head shown with  
Cornea-Anterior Module  
(CAM) attached  
(Included with iVue system)



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