



The  
DGH 6000  
**SCANMATE**

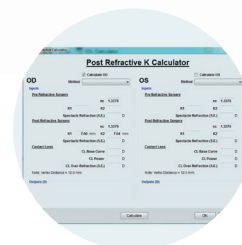
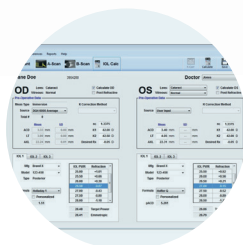
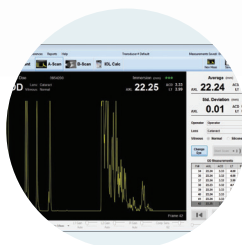
**A Portable USB A-Scan**  
by DGH Technology

*Upgrade Your Practice's  
Diagnostic Capabilities  
with the World's Most  
Advanced A-Scan*



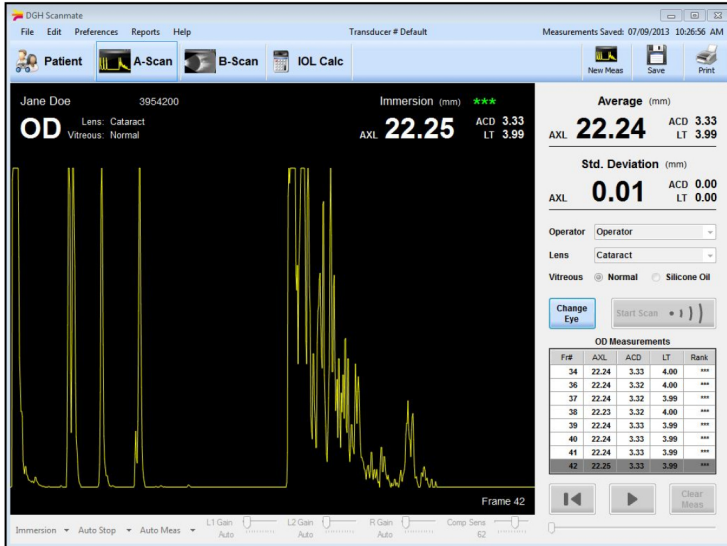
- Contact and Water Immersion
- IOL / Post-Refractive Calculator
- Centralized Storage of Records
- Integrates with DGH 8000 B-Scan
- EMR / EHR Compatible

**DGH** TECHNOLOGY, INC.  
**THE ULTRASOUND SPECIALIST**



# DISCOVER THE *A*DVANTAGES OF USB ULTRASOUND

The **DGH 6000** Scanmate-A combines the accuracy of DGH's proven A-Scan alignment algorithm with the processing power, data storage and connectivity advantages of a personal computer. Patient Data can be stored on a local computer, or in a centralized network location where it can be accessed by multiple users. Patient records are fully searchable and can be exported in a format that is compatible with EMR/EHR systems. The IOL Calculator is easy to use and includes modern formulas such as SRK®/T, Hoffer® Q, Holladay 1 and Haigis. Lens constants can be optimized automatically based on Post-Operative results. The included Post Refractive Calculator assists the doctor in estimating the true corneal power for patients that have undergone refractive surgery. The DGH 6000 provides portability, accuracy and intuitive data management, all for a competitive price.



## A-Scan Features

### Measurement Range

- AXL 15.0 mm to 40.0 mm
- ACD 2.0 mm to 6.0 mm
- LT 2.0 mm to 7.5 mm

### Measurement Accuracy

- Repeatability:  $\pm 0.03$ mm STDEV (Immersion)
- Resolution: 0.01mm

### Measurement Modes

- Immersion / Contact

### Transducer

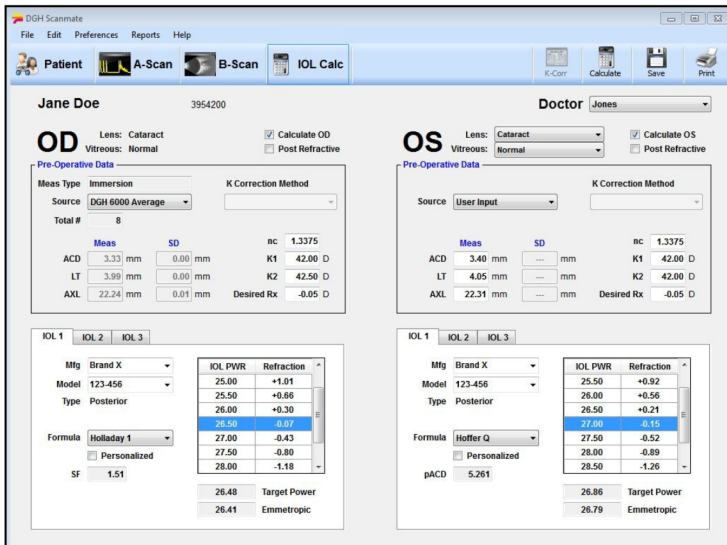
- Length 55.7 mm x Diameter 6.6 mm
- Frequency 10.0 MHz (Nominal)
- Focused Acoustic Beam (23.0 mm Nominal)

### Eye Types

- Aphakic
- Normal
- Cataract
- Dense Cataract
- Pseudophakic (Silicone)
- Pseudophakic (PMMA)
- Pseudophakic (Acrylic)
- Normal / Silicone Oil Vitreous

### Other

- Audible Feedback for Probe Alignment
- Corneal Compression Detection
- Fully Configurable Velocities
- Save Video or Individual A-Scan Waveforms
- Automatic & Manual Measurement Modes
- Customizable - Each Doctor Can Configure Preferred A-Scan Settings



## IOL Calculator Features

### IOL Formulas

- SRK® II
- Binkhorst II
- SRK®/T
- Holladay 1
- Hoffer® Q
- Haigis

### Personalized Lens Constants

- Easily Review / Sort Post-Operative Results
- Automatically or Manually Optimize Lens Constants for SRK®/T, Holladay 1, Hoffer® Q and Haigis Formulas

### Post Refractive Formulas

- Double K (SRK®/T)
- History Derived
- Clinically Derived (Shammas)
- Refraction Derived
- Contact Lens

### Reports

- Single Page IOL Calculation Summary Report
- A-Scan Measurement Summary Report
- Customizable Report Options
- Print to Local or Networked Printer
- Save to Database or Export as PDF

### Other

- Customizable - Each Doctor Can Configure Three (3) Preferred IOLs and Formulas, for Fast and Accurate Calculations
- Integrates Seamlessly with DGH 8000 B-Scan

## Minimum System Requirements

- Processor:** 32 bit or 64 bit, 2 GHz
- Memory:** 2 GB RAM
- Optical Drive:** DVD-ROM (For Software Installation)
- Hard Drive:** 1 GB minimum, 100 GB recommended
- Ports:** USB 2.0
- Display:** 1024 x 768 Resolution
- Peripherals:** Mouse (or Touchpad), Keyboard & Speakers (For Alignment Audible Feedback)
- AC Power Supply:** Medical Grade

## Compatible Operating Systems

- Microsoft Windows XP SP3 or higher (32 Bit)
- Microsoft Windows Vista SP1 or higher (32 or 64 Bit)
- Microsoft Windows 7 (32 or 64 Bit)
- Microsoft Windows 8 (32 or 64 Bit)
- Microsoft SBS (2003 or 2008) - SQL Server Installation Only

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