Meet the Future of Ultrasound Biometry...

The DGH 6000 ScanMate

A Portable USB A-Scan

Laptop not included

Actual size:
5.75" X 3.5"

- Contact and Water Immersion Modes
- Multiple IOL Formulas, Including Post-Refractive
- Customizable, Professional Reports
- Centralized Storage of Patient Records in a Networked Office Environment
- Integrates Seamlessly with the DGH 8000 B-Scan
- EMR/EHR Compatible

DGH TECHNOLOGY, INC.
THE ULTRASOUND SPECIALIST
Serving Eye Care Professionals since 1982

Discover The Advantages of USB Ultrasound

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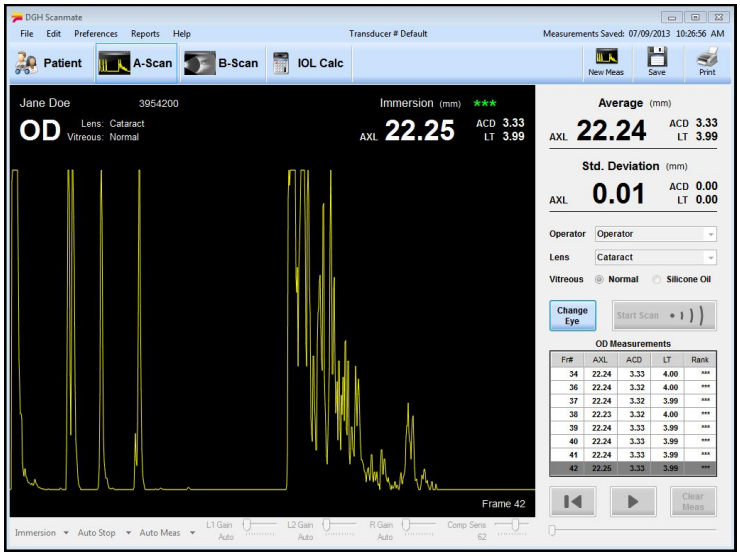
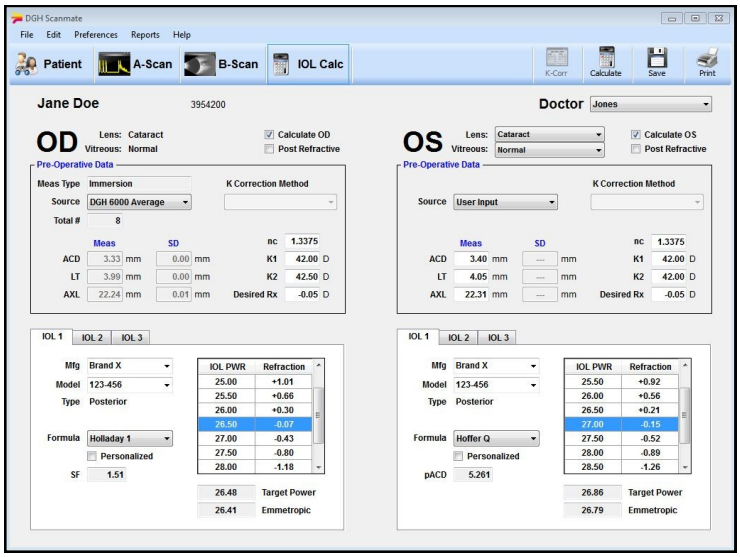
DISCOVER THE ADVANTAGES OF USB ULTRASOUND

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 Modes
- Immersion / Contact

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

Measurement Accuracy
- Repeatability: ± 0.03mm STDEV (Immersion)
- Resolution: 0.01mm

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

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

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

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

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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