



GSI 70™

AUTOMATED OAE SCREENER



Product Specifications

General Specifications

- 11.41"(W) x 9.8"(D) x 4.3"(H)
- Weight: 1.49lb (screener), 3.88lb (printer)
- Test Types: Distortion Product Otoacoustic Emissions
- Protocols: Screening, User-defined
- Interface: RS232, IrDa port
- Printout: Internal

Environmental

- Temperature:
 - Storage: -4° F to 104° F
 - Operating: 59° F to 95° F
 - Humidity: 10% to 90% (non-condensing)



Single-Patient Unit

- Test Protocol: 4k, 3k and 2k Hz at 65/55 dB SPL
(Note: if the result is Noise or if the DP response is below the Pass line at any frequency, the test frequency is shifted slightly and then automatically re-tested)
- Automatic Scoring: Pass, Refer, Noise, or Abort, based upon GSI Clinical Study results
- Screener Internal Memory: One each, right and left ear
- GSI 70 Single-Patient System consists of:
 - Screener with Probe/Pod Assembly and Rechargeable NiCad Battery
 - Printer/Charger with Power Cord
 - Quick Check Cavity
 - Thermal Printer Paper, 1 roll
 - Adhesive Printer Paper, 1 roll
 - Eartip Starter Kit (12 sizes, 3.5 to 14 mm; 4 each)
 - Probe Tip Cleaning Kit
 - User Manual
 - Abbreviated Instruction Sheet
 - Instructional Booklet

Multi-Patient Unit

- Test Protocol: 4k, 3k and 2k Hz at 65/55 dB SPL (with ability to shift frequency slightly, if required) or user definable via Data Management Software (6 DP points max; over frequency range of 1.5k to 6.0k Hz; multiple protocols can be developed)
- Automatic Scoring: Pass, Refer, Noise, or Abort, based upon GSI Clinical Study results if using GSI default protocol or configured to match user-developed protocol(s)
- Screener Internal Memory: 150 names or ID numbers; 350 test results (9 tests per patient)
- GSI 70 Multi-Patient System consists of:
 - Screener with Probe/Pod Assembly
 - Rechargeable NiCad Battery
 - Touch Screen and Stylus
 - GSI 70 Data-Management Software*
 - Serial Interface Cable
 - Printer/Charger with Power Cord
 - Quick Check Cavity
 - Thermal Printer Paper, 1 roll
 - Adhesive Printer Paper, 1 roll
 - Eartip Starter Kit (12 sizes, 3.5 to 14 mm; 4 each)
 - Probe Tip Cleaning Kit
 - User Manual
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 - Instructional Booklet
 - Instructional Video

*CPU requirements: Pentium processor, 16 MB RAM, 500 MB Hard Drive, RS232 or IrDa port, VGA display, Windows® 95 or 98. Computer not included with Multi-Patient System.

Stimulus Tones

- Frequency: 1188 to 6000 Hz
- Level: 45 to 70 dB SPL
- Test Time: 10 sec per ear depending on protocol

Optional Accessories – Single and Multi-Patient

- Thermal Printer Paper 1700-9627
- Adhesive Printer Paper 1700-9657
- Mobile Stand 1770-9675
- Foot Switch 1770-9676
- Carrying Case (System) 1770-9689
- Eartip Kits (Bulk Qty) Contact GSI

Language Kits

- GSI 70 Single-Patient System
 - English..... 1770-9657E
 - French..... 1770-9657F
 - German..... 1770-9657G
 - Spanish..... 1770-9657S
 - Italian..... 1770-9657I
 - Chinese..... 1770-9657C
 - Japanese..... 1770-9657J
- GSI 70 Multi-Patient System
 - English..... 1770-9656E
 - French..... 1770-9656F
 - German..... 1770-9656G
 - Spanish..... 1770-9656S
 - Italian..... 1770-9656I
 - Chinese..... 1770-9656C
 - Japanese..... 1770-9656J

Quality System

- Manufactured, designed, developed and marketed under ISO 13485, ISO 9001 certified quality system.

Compliance/Regulatory Standards

Designed, tested and manufactured to meet the following domestic (USA), Canadian, European and International Standards:

- UL 2601-1 American Standards for Medical Electrical Equipment
- IEC 601-1, EN 60601-1 International Standards for Medical Electrical Equipment
- CSA C22.2 # 601-1-M90
- Medical Device Directive (MDD) (ID No.: 0086) to comply with "EC Directive" 93/42/EEC



Setting The Clinical Standard

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