

GSI AUDERATM ASSR

Auditory Steady State Response

PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

Transducers: Insert earphones, TDH Headphones, Bone vibrator, Loudspeaker
Protocols: Default Asleep and Awake protocols or customer specified -- Estimated Audiogram relies on default protocols

Display: ASSR Thresholds, Estimated Audiogram, Results Summary, Trials Done

Reports: Color, Black/White or save as PDF

Stimulus Specifications:

Stimulus Types: AM/FM

Masking Types: Absolute or stimulus relative

Intensity: -10 – 130 dB HL

Carrier Frequency: 250 – 8000 Hz

Modulation Frequency: 20 – 200 Hz depending on carrier frequency

AM Modulation: 0 – 100%

FM Modulation: 0 – 15%

Relative Angle: 0 – 359 degrees

GSI Audera Amplifier:

Dimensions: 490mm (H) x 330mm (W) x 270mm (D)

Weight: 0.43 kg

Interface To Main Unit: Proprietary high-speed, serial digital

Number of Channels: 2 Isolated (type BF) for patient safety

Electrode inputs: Differential

Electrode connectors: 5 DIN 42802 safety connectors

Input Impedance: >1000 MW

Frequency Response: 0.2-10,000 Hz

GSI AUDERA MAIN UNIT

Computer Interface: USB - Type I

Trigger Controls Input/Output: Standard TTL logic level

Mains Power Supply: 115V, 110V, or 230V; 50-60 Hz

Power Consumption: 115W, excluding printer

Isolated Power:

a) Main unit includes isolation transformer/power supply which provides isolated mains power only for supported notebook computer and inkjet printer models. This power typically not used in desktop models of GSI Audera.

b) Main unit provides isolated power to Amplifier/Digitizer or Probe Unit.

Dimensions: 490mm (H) x 330mm (W) x 270mm (D)

Weight: 3.2 kg

Environmental Limits:

Operating Temp: 10 to 40° C, Relative Humidity: 30 to 75%, non-condensing

Storage Temp: -40 to 70° C, Relative Humidity: 10 to 100%, non-condensing

CPU RECOMMENDATION

Operating System: Windows XP Pro

Processor: 1.4GHz Celeron or above

Storage: 20 Gb harddrive

Additional Storage: CD R/W drive

Interface: USB (Qty 2)

Graphics: 1024 x 768 SVGA

SUPPLIED ACCESSORIES

GSI Audera Main Unit

GSI Audera Reference Manual

GSI Audera 2-Channel Amplifier with 9' cable

GSI Audera ASSR Software Application or Licensing key to activate

GSI Audera ASSR User's Manual

Insert Earphones with 9' cable

GSI Audera Loop-back cable

Electrodes, 6mm cup, 12 pk

Electrodes, 10mm cup, 12 pk

Electrode Linker

Disposable side snap electrodes, 25 pk

Electrode Leads, Snap, 5 pk

NuPrep Gel, 4 oz. tube

Ten 20 Paste, 4 oz. tube

Infant eartips, 3.5mm, 20 pk

Infant eartips, 4.0mm, 20pk

3A foam eartips, 10mm, 100pk

3A foam eartips, 13mm, 100pk

OPTIONAL ACCESSORIES

GSI Audera Service Manual

GSI Audera Laptop Computer

GSI Audera Desktop Computer

GSI Audera Laptop Power Kit (cables to power through base unit)

GSI Audera Isolation Transformer (for customer desktop systems)

RELATED PART NUMBERS

2001-9700 GSI Audera AEP/ASSR System

2001-9705 GSI Audera AEP/DPOAE System

2001-9710 GSI Audera ASSR/DPOAE System

2001-9715 GSI Audera AEP/ASSR/DPOAE System

2001-9720 GSI Audera AEP only System

2001-9725 GSI Audera ASSR only System

2001-9730 GSI Audera DPOAE only System

2001-9661 GSI Audera ASSR Upgrade with Amplifier

2001-9662 GSI Audera ASSR Upgrade w/o Amplifier

2001-9663 GSI Audera AEP Upgrade with Amplifier

2001-9664 GSI Audera AEP Upgrade w/o Amplifier

2001-9665 GSI Audera DPOAE Upgrade

QUALITY SYSTEM

Manufactured, designed, developed and marketed by VIASYS Healthcare Inc. NeuroCare Group 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.: 0344) to comply with "EC Directive" 93/42/EEC

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