TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

W x D x H: 3.9 in x 7.5 in x 1.6 in (9.9 cm x 19 cm x 4.1 cm)

Weight: 1 lb (454 g)

GENERAL SPECIFICATIONS

Test Types: AEP, ECochG, Cortical AEP, AMLR, EABR

Transducers: Insert earphones, headphones, bone vibrator, loudspeaker

Protocols: Default and customer specified

Marker Sets: Default and customer specified

Reports: Color, black/white, or PDF

STIMULUS SPECIFICATIONS

Stimulus Types: Click, tone burst, tone pip CE-Chirp®, and CE-Chirp Octave Bands

Stimulus Polarity: Condensation, rarefaction, and alternating

Masking Types: Absolute or stimulus relative

Intensity: 0 - 130 dB SPL

Repetition Rates: 0.2 – 100 depending on modality

High Pass Filtering: RC or digital butterworth

Low Pass Filtering: Butterworth or digital linear phase

AMPLIFIER SPECIFICATIONS

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 MOhms

Frequency Response: 0.2 - 10,000 Hz

CMRR: >105 dB at 50 to 60 Hz

Sampling Rate: Up to 48 kHz, 24 bit

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

Main unit includes isolation transformer/power supply which provides isolated mains power only for supported notebook computer and inkjet printer models.

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

Dimensions: 12.99 in x 10.62 in x 1.67 in (33 cm x 27 cm x 4.2 cm)

Weight: 7.05 lb (3.2 kg)

CPU RECOMMENDATION

Operating System: Windows 7 Professional (32 bit & 64 bit), Windows XP Pro (SP3), Vista Business (SP2)

Processor: 1.6 GHz

Minimum RAM: 2 GB

Storage: 11 GB Hard Drive

Additional Storage: CD R/W drive

USB Ports: 2

Graphics: 1024 x 768 pixels (1280 x 1024 for China, Japan, Korea)

STANDARD ACCESSORIES

GSI Audera main unit

GSI Audera reference manual

GSI Audera 2-Channel amplifier with 9' cable

GSI Audera AEP/CAEP software application or licensing key to activate

GSI Audera AEP/CAEP user's manual

Insert Earphones with 9' cable

GSI Audera loop-back cable

Electrodes, 6 mm cup, 12 pk

Electrodes, 10 mm 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, 3.5 mm, 20 pk

Infant eartips, 4.0 mm, 20 pk

3A foam eartips, 10 mm, 100 pk

3A foam eartips, 13 mm, 100 pk

OPTIONAL ACCESSORIES

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)

GSI Audera EABR cable

ENVIRONMENTAL

Operating Temperature: +50° F (10° C) to +104° F (40° C)

Storage Temperature: -40° F (-40° C) to +158° F (70° C)

Operating Relative Humidity: 30% to 70% (non-condensing)

Storage Relative Humidity: 10% to 100% (non-condensing)

QUALITY SYSTEM

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

COMPLIANCE

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

- UL 60601-1 American Standards for Medical Electrical Equipment
- IEC 60601-1, EN 60601-1 International Standards for Medical Electrical Equipment
- CSA C22.2 # 601-1-M90
- Medical Device Directive (MDD) to comply with 93/42/EEC

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