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

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

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)

DESIGNED SMART. BUILT STRONG.
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