



GSI 18™

SCREENING AUDIOMETER



Setting The Clinical Standard

 **gsi**
Grason-Stadler



GSI 18™

SCREENING AUDIOMETER

- 11 frequencies: 125 Hz to 8000 Hz
- Wide intensity range
- Compact, light-weight design
- AC line power and/or battery
- Calibration storage for standard earphones and optional insert phones
- Ideal for schools, industry and physician's office for screening audiometry



Technical Specifications

Standards

- ANSI S3.6 Audiometer (type 4)
- IEC 60645-1 Audiometer (type 4)
- UL and IEC 60601-1 Electrical Safety
- IEC 60601-1-2 EMC
- CAN/CSA C22.2 No. 601-1 - M90 (2003)
- Medical Device Directive 93/42/EEC

Frequencies

- Range: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, and 8000 Hz
- Accuracy: +/- 2%
- Total Harmonic Distortion: < 2.5%
- Rise/Fall Time: 20 to 50 msec
- Signal format: continuous, pulsed (2.5 per sec), FM (+/- 5%, 5 Hz)

Intensities

- DD 45

| | |
|-----------------|-----------------|
| 125 Hz | -10 to 50 dB HL |
| 500 to 4000 Hz | -10 to 90 dB HL |
| 6000 Hz | -10 to 85 dB HL |
| 250 and 8000 Hz | -10 to 70 dB HL |
- EAR 3A (optional)

| | |
|-----------------|-----------------|
| 125 Hz | -10 to 40 dB HL |
| 500 to 4000 Hz | -10 to 80 dB HL |
| 6000 Hz | -10 to 70 dB HL |
| 250 and 8000 Hz | -10 to 60 dB HL |

Note: The +10 dB button extends the intensity range at all frequencies per transducer by 10 dB.

- Step size 5 dB
- Accuracy

| | |
|------------------|----------|
| 125 to 4000 Hz | +/- 3 dB |
| 6000 and 8000 Hz | +/- 5 dB |

Standard Accessories

- DD 45 headset (10 ohm)
- Carrying Case
- Audiogram Pad (1 pad of 50)
- Instruction Manual
- Quick Reference Guide - Threshold Audiometry
- External power module and power cord (for 1718-9700 and 1718-9701 only)
- 5 AA alkaline batteries (for 1718-9705 and 1718-9706 only)

Optional Accessories

- EAR 3A insert phones (10 ohms) . . .1700-9606
- Subject response handswitch7874-0156
- Patch cord (1)4204-0505
- Audio Cups8000-0155

Ordering Information

USA

- GSI 18 Screening Audiometer (AC power)1718-9700
- GSI 18 Screening Audiometer (Battery power)1718-9705

International

- GSI 18 Screening Audiometer (AC power)1718-9701
- GSI 18 Screening Audiometer (Battery power)1718-9706

Note: Contact your local GSI Distributor for your country kit part number.

Dimensions and Weight

- GSI 18 product
12.6" (w) x 8.8" (d) x 3.2" (h); 2.5lb
- Shipping
16" (w) x 16" (d) x 8" (h); 7.5lb

Environmental

- Operating Temperature: 59° F to 104° F
- Operating Humidity: 15% to 95%
- Operating Ambient Pressure: 98 to 104 kPa
- Storage Temperature: -93° F to 149° F

