**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

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**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
- 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**

<table>
<thead>
<tr>
<th>Intensity</th>
<th>125 Hz</th>
<th>250 to 4000 Hz</th>
<th>6000 Hz</th>
<th>250 and 8000 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD 45</td>
<td>-10 to 50 dB HL</td>
<td>-10 to 90 dB HL</td>
<td>-10 to 85 dB HL</td>
<td>-10 to 70 dB HL</td>
</tr>
<tr>
<td>EAR 3A (optional)</td>
<td>-10 to 40 dB HL</td>
<td>-10 to 80 dB HL</td>
<td>-10 to 70 dB HL</td>
<td>-10 to 60 dB HL</td>
</tr>
</tbody>
</table>

**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)
- Subject response handswitch
- Patch cord (1)
- Audio Cups

**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); 2.5 lb
- Shipping: 16” (w) x 16” (d) x 8” (h); 7.5 lb

**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

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