

TRAVELING SCREENING AUDIOMETER

TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

W x D x H: 12.6 in x 8.8 in x 3.2 in
(32 cm x 22.4 cm x 8.1 cm)

Weight: 2.5 lb (1.1 kg)

Shipping W x D x H: 16 in x 16 in x 8 in
(40.6 cm x 40.6 cm x 20.3 cm)

Shipping Weight: 7.5 lb (3.4 kg)

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 - 60 dB HL
	500 - 4000 Hz	-10 - 100 dB HL
	6000 Hz	-10 - 95 dB HL
	250 and 8000 Hz	-10 - 80 dB HL

EAR 3A (optional)

125 Hz	-10 - 50 dB HL
500 - 4000 Hz	-10 - 90 dB HL
6000 Hz	-10 - 80 dB HL
250 and 8000 Hz	-10 - 70 dB HL

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 supply with multiple adaptors

OPTIONAL ACCESSORIES

EAR 3A insert phones (10 ohms)

Subject response handswitch

Patch cord (1)

Audio cups

ENVIRONMENTAL

Operating Temperature:

59° F (15° C) to 104° F (40° C)

Operating Humidity: 15% to 95%

Operating Ambient Pressure: 98 to 104 kPa

Storage Temperature:

-93° F (-69° C) to 149° F (65° C)

POWER

Power Consumption: 1.5 Watts

Voltage: 100 - 240 VAC, 1.0 A max

Frequency: 50/60 Hz

Batteries, 5 each (optional): Alkaline AA 1.5V or
Rechargeable NiCad or NiMH AA 1.2V

QUALITY SYSTEM

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

COMPLIANCE

- ANSI S3.6 Audiometer (type 4)
- IEC 60645-1 Audiometer (type 4)
- IEC/EN 60601-1 Medical Electrical Equipment Requirements for Safety
- IEC/EN/60601-1-2 Medical Electrical Equipment Requirements for Electromagnetic compatibility
- CSA C22.2 No.601-1-M90
- Medical Device Directive 93/42/EEC

