

SCREENING AUDIOMETER

• 53549 MAICO MA27 SCREENING AUDIOMETER

Air conduction audiometer for basic screening with rigid and lightweight case. It has 11 frequencies, built-in carrying handle and compartment to store headphones and accessories. Tough, accurate and reliable with large fingertip control knobs for easy frequency and hearing levels adjustments.

Selectable display languages: GB, FR, IT, ES, DE. Supplied with AC headset DD45, audiogram pad and power supply. Multilingual manual: GB, FR, IT, ES, DE, PL, RU.

- 53555 PELTOR INSULATION HEADBAND*
- 53556 AUDIOGRAM CARDS - box of 50

TECHNICAL SPECIFICATIONS

Display: 38.1x76.2 mm, monochrome
 Level steps: 5 or 1 dB
 Hearing level range: -10 dB HL to 100 dB HL
 Test signal: pure tone and warble tone (pulsed and continuous)
 Test frequencies: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz
 Size - Weight: 25.5x37xh 15 cm - 2.4 kg
 Power supply: 100-240VAC ± 10 %, 50/60 Hz, 0.6 A
 Standards: IEC 60601-1:2012, AAMI E560601-1:2005+A2+A1, CAN/CSA-C22.2 No. 60601-1:14 Type B IEC 60601-1-2:2014, IEC 60645-1:2017 Type 4, ANSI/ASA S3.6-2018 Type 4

Classification: Class IIIa (EU 2017/745), Medical Device

*Should be used with headset transducers supplied with device



DIAGNOSTIC AUDIOMETER

53551

Weight: 735 g
 Dimension: 270x175x68 mm
 Operating power: 100-240 V, 50-60 Hz

• 53551 AMPLIVOX 240 DIAGNOSTIC AUDIOMETER - air, bone, masking

Cost-effective diagnostic audiometer with USB connectivity, ideal for desktop and mobile use.

- 11 test frequencies: 125 to 8,000 Hz (AC), 250 to 8,000 Hz (BC)
- -10 to 120 dBHL range (AC), -10 to 70 dBHL (BC), 90 dBHL max (250 to 4,000 Hz) insert masking output
- threshold retention function
- single, pulsed or warble tone preset
- automatic AC test functionality

Supplied with audiometric headset, bone conductor headset, patient response switch, audiogram cards (box of 50), main power adaptor, carrying case and manual GB, IT, ES. On request FR, SE, RU, PT.

- 53555 PELTOR INSULATION HEADBAND*
- 53556 AUDIOGRAM CARDS - box of 50
- 53557 INSERT FOR MASKING



SCREENING DIAGNOSTIC AND CLINICAL 2 CHANNEL AUDIOMETERS

• 33623 SIBELSOUND 400-A SCREENING AUDIOMETER with W50 software - air conduction

• 33624 SIBELSOUND 400-AOM DIAGNOSTIC AUDIOMETER with W50 software - air + bone + masking

• 33626 SIBELSOUND 400-SUPRA CLINICAL AUDIOMETER - air + bone + mask + supraliminal tests + W50 software + Intercom kit
 Two-channel digital audiometers based on DSP processing. Designed for quick and easy audiometric exploration of hearing thresholds and screening tests, such as suprathreshold pure tone tests (FOWLER-ABLB, TONE DECAY, WEBER, LUSCHER, ...).

- Air conduction (TDH 39): 125 - 8,000 Hz or HF: 8,000 - 20,000 Hz with optional HDA 200
- Levels: AC (-10 to 120 dB HL) / BC (-10 to 70 dB HL) / speech (-10 to 100 dB HL) free field (-10 to 80 dB HL)
- Masking levels (manual or synchronized): NBN AC (-10 to 100 dB HL) NBN BC (-10 to 70 dB HL) white & speech (-10 to 100 dB SPL)
- Tone: continuous, pulse, alternate, amplitude modulation.
- Level increases: 5 (A-AOM), 1 or 5 (SUPRA)
- Frequency precision: ±1% / level precision ±2% db SPL
- Automatic calculation of hearing loss and diagnosis (COUNCIL, IMSS MEXICO, ELI, SAL, KLOCKHOFF, MOH, OTHERS ...)

Communication system:

- Print directly to a USB printer or connect to W50 Software.
- Direct USB connection to PC to W50 audiometry software

for viewing, storage, transmission, analysis and introduction of audiometric tests. It also allows to input data performed by other audiometers and show automatic diagnosis (council IMSS,...). Compatible Windows 7, 8.1 and 10 (32/64 bits).

- 33621 INSULATION DEVICE for air conduction phone*
- *Compatible with headset TDH39 and DD45
- 33629 AUDIOMETRY SOFTWARE W50 - optional for models sold up to March 2023.

Linked to audiometer S.N., please specify with order.

Dimension: 390x260x105 mm
 Weight: 2.4 kg without accessories
 Power: 100-240 V, 50/60 Hz



Programme personalization according to users need

WITH SOFTWARE

FREQUENCIES AND LEVELS

	125	250	500	750	1,000	1,500	2,000	3,000	4,000	6,000	8,000	8,372	Hz
Standard frequency	131	262	523	-	1,047	-	2,093	-	4,186	-	8,372	-	Hz
Musical frequency	80	100	120	120	120	120	120	120	120	110	110	110	dB HL
Air conduction (THD 39)	-	50	60	60	70	70	70	70	70	55	55	55	dB HL
Bone conduction (B 71)	-	70	80	80	80	80	80	80	80	80	80	80	dB HL
Free field	-	70	80	80	80	80	80	80	80	80	80	80	dB HL
MASKING NOISE													
Narrow bandwidth AC	60	80	100	100	100	100	100	100	100	100	90	90	dB HL
Narrow bandwidth BC	-	50	60	60	70	70	70	70	70	-	-	-	dB HL
White AC	-	-	-	-	100	100	100	100	100	-	-	-	dB SPL
Speech	-	-	-	-	100	100	100	100	100	-	-	-	dB SPL
LOGO-AUDIOMETRY													
Air conduction													dB SPL
Free field													dB SPL
Minimum levels													
All options	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	dB HL

SIBELSOUND 400 FEATURES

	A	AOM	SUPRA
Audiometry type	4 screening	3diagnostic	2 clinical
Air conduction TDH 39	•	•	•
Bone conduction B71	•	•	•
Masking by white narrow band & speech noise	•	•	•
Sisi test	•	•	•
Supraliminal tests	•	•	•
Speechaudiometry	•	•	•
Intercom kit (headphone + microphone)	•	•	•
Musical frequencies	•	•	•
Intercom data base	150 tests	1,000 tests	1,000 tests
USB connectivity	•	•	•
W50 audiometry software	•	•	•