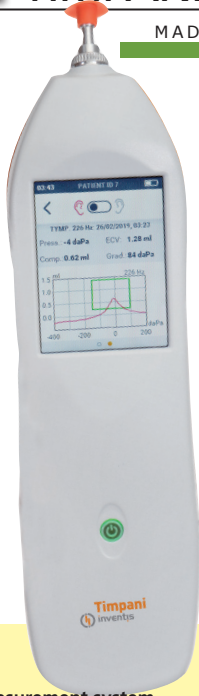


# TIMPANI HANDHELD TYMPANOMETER/SCREENING AUDIOMETER



MADE IN ITALY



Timpani can be supplied with its docking station, ideal to place the device, to recharge the battery faster and to transfer data to the PC at the same time.

**53560**  
+  
**53566**



Timpani is supplied with Inventis Maestro software, USB connection cable, medical grade power supply, assorted eartips, GB, IT manuals in a carrying case.

**53560**

- **53560 TIMPANI HANDHELD TYMPANOMETER**  
Timpani is a lightweight, compact and powerful device, designed to conduct middle ear screening tests simply, swiftly and accurately. The basic version of Timpani allows to perform automatic tympanometry exam using 226 Hz probe tone. Optional licenses allow acoustic reflexes test and screening pure tone audiometry. The device features a wide colour display with touch-screen interface.
- **53563 REFLEX LICENSE - PLUS**  
To conduct ipsilateral acoustic reflex test at 0.5, 1, 2 and 4 kHz.
- **53564 SCREENING PURE TONE AUDIOMETRY (PTA) LICENSE WITH PRE-CALIBRATED HEADSET**  
To conduct pure tone air conduction audiometry.
- **53565 PATIENT RESPONSE BUTTON FOR PTA**
- **53566 DOCKING STATION FOR TIMPANI**
- **53567 BLUETOOTH THERMAL PRINTER**
- **35674 THERMAL PAPER ROLL 57 mm - box of 20**

LANGUAGES	GB	FR	IT	RU	ES	PL	PT	JP	CH	KR	DE	TR
Firmware	X	X	X		X	X						
Maestro software	X	X	X	X	X	X	X	X	X	X	X	X
Manual*	X		X		X							

\*GB and IT included with product, ES for download from [www.gimaitaly.com](http://www.gimaitaly.com)

### TECHNICAL SPECIFICATIONS

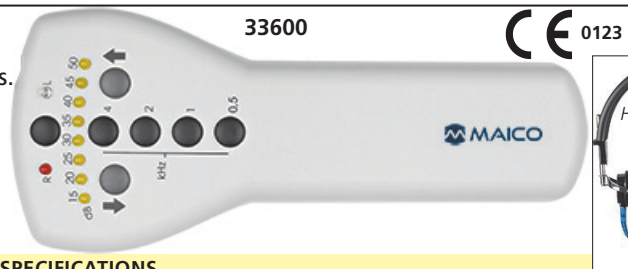
Input - output: pure tone - AC  
**Device specifications**  
 Memory: 50 patients  
 Display type: color graphical with touch screen  
 Display size: 2.8" / 43.2x57.6 mm  
 Resolution: 240x320 pixels  
 Power supply: Lithium-Ion rechargeable battery  
 Battery life: >4 hours of continuous use  
 PC interface: USB (driverless)  
 Software: Inventis Maestro (compatible with Noah)  
 Size - weight: 65 x 44 x 240 mm (2.6 x 1.8 x 9.5 inches) - 340 g / 12 oz  
 Standards: Imped.: EN 60645-5/ANSI S3.39, Type 2/3  
 PTA: EN 60645-1/ANSI S3.6, Type 4/4  
 Safety: EN 60601-1 - EMC: EN 60601-1-2 Class IIA (93/42/EEC)  
 Annual calibration: Timpani needs annual calibration by authorized centre. Please check on [www.gimaitaly.com](http://www.gimaitaly.com) list of countries where you can find a centre.

### Measurement system

Probe tone: 226 Hz at 85 dB SPL  
 Comp. range: 0.2 to 8.0 ml at 226 Hz, 0.9 to 16.0 mmho at 1000 Hz  
 Pressure range: from +200 to -400 daPa  
**Tympanometry**  
 Type of test: automatic tympanometry  
 Start: automatic  
 Scan rate: 400 daPa/sec  
**Acoustic reflex (only with 53563)**  
 Stimulation: ipsilateral at 226 Hz  
 autothreshold, fixed intensity  
 Available tests: 0.5, 1, 2 and 4 kHz (with reflex lic. Plus)  
 Stimuli: 100 dB HL (ipsi)  
 Maximum int.: 1 sec  
 Stim. Duration: 1 sec  
**Audiometry (only with 53564)**  
 Intensity - Freq. range: -10 to 100 dB HL - 125-8000 Hz

# MAICO MA1 SUPER-LIGHTWEIGHT HEARING SCREENER

• **33600 MAICO MA1 HEARING SCREENER WITH HEADSET**  
 Hearing screener with super-lightweight design, small enough to fit in the palm of the hand. Ideal for fast screening purposes. The device is capable of delivering a pure tone signal to one ear at a time. The stimulus range is 15 to 50 dB HL in level steps of 5 dB. Test frequencies range from 500 to 4000 Hz. Automatic ON/OFF function. It is supplied with headset DD45, cradle and 2AA batteries. Multilingual manual: GB, FR, IT.



### TECHNICAL SPECIFICATIONS

Test signal: pure tone (continuous)  
 Test frequencies: 500, 1000, 2000, 4000 Hz  
 Level steps: 5 dB  
 Hearing level range: 15dB HL to 50 dB HL  
 Accuracy - distortion: ± 4 dB - less than 3%  
 Size - weight: 6.4x15.3xh 2.3 cm - 115 g  
 Power supply: 2AA batteries (included)  
 Standards: IEC 60601-1:2012 Type B, IEC60601-1-2:2014  
 Classification: Class IIa (EU 2017/745) Medical Device

# SINGLE USE TYMPANOMETER EARTIPS - FOR MOST BRANDS

SANIBEL™ ear tips were designed for use with acoustic immittance instruments and otoacoustic emission system. Made of a soft and sticky biocompatible material, these ear tips greatly improve the ease of obtaining and keeping a good seal, allowing the tester to quickly move on to other tasks. Available in different sizes, with different shapes (mushroom and flanged ear tips for infants). The complete range makes it possible to accommodate all ear canal shapes and sizes. All Sanibel™ ear tips are latex free.

**Sanibel™**



**VERIFIED COMPATIBILITY FOR SANIBEL™ ADI**

Amplivox®	Otowave™ with clear (Type 1) probe
Interacoustics®	AT235™ & AT235h™ with clear probe tip adapter AA222™ & AA220™ with clear probe tip adapter Eclipse™ and MT10™ with clear probe tip, Titan™
Maico®	MI24™, MI26™, MI34™, MI44™ with clear probe tip adapter
MEDRx®	easyTimp™ - Otowave™ - Ero-scan plus™ - easyScreen™
Grason-Statler®:	Otowave™ Corti™

GIMA code	SANIBEL™ ADI FLANGED INFANT EAR TIPS	Minimum order
53515	Ear tip 3-5 mm - red	bag of 100 pcs
53516	Ear tip 4-7 mm - blue	bag of 100 pcs
53517	Ear tip 5-8 mm - yellow	bag of 100 pcs
GIMA code	SANIBEL™ ADI MUSHROOM EAR TIPS	Minimum order
53520	Ear tip 7 mm - blue	bag of 100 pcs
53521	Ear tip 8 mm - yellow	bag of 100 pcs
53522	Ear tip 9 mm - green	bag of 100 pcs
53523	Ear tip 10 mm - red	bag of 100 pcs
53524	Ear tip 11 mm - blue	bag of 100 pcs
53525	Ear tip 12 mm - yellow	bag of 100 pcs
53526	Ear tip 13 mm - green	bag of 100 pcs
53527	Ear tip 14 mm - red	bag of 100 pcs