

The perfect orchestra



# Inventis is innovation.

Since ever.

• 2005 The company foundation.

The **countries** where Inventis is currently represented, either with direct presence or 60+ 6 thanks to solid and committed partnerships

#### Our continuously growing team.

120+ to the sales representatives, passing through value to our products.

developed, engineered and manufactured in 20+ 💠





DESIGNED, ENGINEERED AND MANUFACTURED IN ITALY

# **Audiometers**

[aw-dee-om-i-ter-s]



Comprehensive of a wide range of different models, Inventis audiometers include stand-alone devices as well as computer controlled units.

Screening, diagnostic or clinical, all the audiometers by Inventis feature up-to-date technology and high-end characteristics.











\_\_\_\_ Triangle is a battery-operated, portable screening audiometer, capable of performing automatic and manual pure tone audiometry exams in air conduction as well as, optionally licensed, in bone conduction.

Lightweight and compact, Triangle is extremely handy and easily transportable even thanks to the dedicated soft carrying case included with the device. The presence of a powerful rechargeable Li-Ion battery makes Triangle the perfect choice for who wants to work breaking free from the wire.



- Automatic and manual pure tone audiometry in AC
- Bone conduction (opt.) with masking: the only one of its kind
- Li-Ion rechargeable battery and portable design
- Touch screen display and internal memory (up to 100 patients).

#### ► Check the video on: www.inventis.it/video



Capacitive touch-screen display



Bell Diagnostic Audiometer

\_\_\_\_ Bell is a basic diagnostic audiometer, capable of performing fast and accurate air and bone conduction threshold examinations. Simple operation, a fast and reliable automatic examination mode, a user-friendly interface and easy portability make Bell the ideal instrument for private clinics, multi-specialist clinics and occupational medicine applications.



- Pure tone audiometry in AC and BC (only Plus model)
- Hughsone-Westlake auto threshold test
- Color graphical display
- Internal memory for 100 patients
- Hybrid technology: can be operated through the PC



Graphical color display



## Harp Diagnostic Audiometer

\_\_\_ Harp is an advanced diagnostic audiometer, capable of performing fast and accurate air, bone and speech audiometric exams, as well as several additional tests including QuickSIN™ and a two-channel master hearing aid.

Top-level features combined with ease of use and portability make Harp the ideal choice for a wide range of users, from audiologists to clinics and hospitals.



- Pure tone and speech audiometry in AC, BC and FF
- Internal flash memory for the speech material (only Plus mod.)
- Additional tests: HW auto threshold, ABLB, SISI and Stenger; DLI, Tone decay, Master Hearing Aid; (only on Plus model) TEN test (optional), QuickSIN™ (optional)
- Built-in thermal printer (optional)
- Hybrid technology: can be operated through the PC

#### ▶ Check the video on: www.inventis.it/video

Chann. 1	dBHL B		Chann. 2
20 dB HL	40	000	-10 dB EM
IN TONE OUT AC SIDE R	60 0		NBN IN AC OUT L SIDE
1 <sub>kHz</sub>	120 250 500	) 1k 2k 4k 8i	Mode CONT. Thr.: HL
		HL/UCL	SPEECH

Graphical color display



### Piano Clinical audiometer

\_\_\_\_ Piano is an advanced clinical audiometer with two separate and independent channels. Piano features a complete battery of tests, all easily managed via a wide touch screen colour display. Advanced features, supreme flexibility and extreme simplicity of use make Piano the ideal choice for clinics and hospitals, as well as for professional practitioners who demand the very best from their instruments.



- Wide color graphical display with touch screen
- Complete test battery: PTA, Speech, HW auto threshold, ABLB Tone Decay, SISI, DLI, MLB, Stenger, Master Hearing Aid, TEN test, QuickSIN™ (optional); (only Plus model) Multi Frequency, High Frequency, Bekesy, MLD
- Internal flash memory for the speech material
- Built-in thermal printer (optional)
- Hybrid technology: can be operated through the PC

#### ► Check the video on: www.inventis.it/video



Touch-screen display







Cello is a PC controlled clinical audiometer, capable of performing fast and accurate air, bone and speech audiometry exams, as well as several additional tests including QuickSIN™, HF audiometry, and video-VRA. With its revolutionary design, complete feature set and top reliability, Cello is a little masterpiece, ideal for anyone unwilling to compromise on appearance and user experience.

A perfect match for Cello is also the Maestro Control Panel, designed to increase the usability and navigation of software, especially when performing audiometric exams.

- Pure tone and speech audiometry in AC, BC and FF
- Additional tests: HW auto threshold, SISI, Master Hearing Aid, High-frequency audiometry (optional), QuickSIN™ (opt.)
- Video Visual Reinforcement Audiometry (VRA) option
- Fully computer controlled through the software Maestro
- Wall-mounting option (VESA standard) and dedicated transducers support available
- Changeable magnetic cover

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RECOMMENDED

Maestro Control Panel » See page 29



A lightweight, compact design, powerful, user-friendly soft-

ware, and Noah connectivity combine to make Piccolo the ideal

• Three different models available: Basic (AC only), Plus

• Fully computer controlled through the software Maestro

• Power supply through the USB connection, when

(AC/BC) and Speech (AC/BC/Speech/QuickSIN™/MHA)

**Piccolo** 

Portable audiometer

choice for professionals on the move.

computer.







Satellite



\_\_\_\_ Piccolo is a basic diagnostic audiometer offering air, bone \_\_\_\_ Satellite is the revolutionary technology by Inventis® and speech audiometry functions, fully controllable from a that allows to interact and remotely perform complete

- The audiologist is administering the tests: Thanks to Satellite, the remote hearing test is performed directly from the examiner, who takes control of the diagnostic
- Built-in video conferencing system: Satellite technology allows the video-conferencing feature to be built inside the diagnostic software, allowing the user to interact and test through the same screen.
- Testing reports directly saved onto clinic's database: Being part of the diagnostic software, Satellite technology makes possible for the exam report to be saved directly
- Satellite technology are CE and FDA approved. In case of audiometers, it is granted for these units to be calibrated accordingly to ANSI or IEC standards.

► Check the video on: www.inventis.it/video



USB connection

• Weighs less than 300 grams

• Carrying case included

controlled with the computer





hearing assessments (Video-otoscopy, Pure tone and speech audiometry in AC, BC) on patients in real time.

- equipment located where the patient is.
- onto the clinic's database. • CE and FDA certified hardware: All devices that mount



# Impedance [im-peed-ns]



Developed for being sturdy and reliable, all the Inventis middle-ear analyzers feature a probe in aluminium, which is lightweight and easy to disassemble. The range of Inventis tympanometers include screening, diagnostic and clinical solutions.













\_\_\_\_ Timpani is a handheld tympanometer offering automatic tympanometry and ipsilateral acoustic reflex test, as well as screening pure tone audiometry.

The speed of the pressure pump system, combined with the capacitive touchscreen display that grants an unprecedent intuitive interface, allow Timpani to complete fast and accurate exams of the patient's middle ear functions. Dedicated output for headphones and patient response switch also make Timpani the only handheld combined unit capable of performing impedance and audiometry examinations.



- Automatic tympanometry
- Ipsilateral reflex test (optional)
- Pure tone audiometry in AC (optional)
- Portable and lightweight
- Capacitive touch screen display
- Docking station to speedup download of data (optional)
- Wireless thermal printer (optional)

#### • Check the video on: www.inventis.it/video





## **Flute**

Diagnostic Middle Ear Analyzer

\_\_\_\_ Flute is a diagnostic middle ear analyzer, capable of performing incredibly fast and reliable automatic sequences of tympanometry and reflex threshold tests, as well as manual reflex and reflex decay tests, ETF for intact and perforated eardrums, high frequency tympanometry. Great versatility, a user-friendly interface, advanced features and small size make Flute the ideal choice for a wide range of users, from audiologists to clinics and hospitals.



- Three versions available: Basic, HF, and Plus
- Automatic and manual tympanometry
- Manual and automatic Ipsi/Contra reflex test
- Reflex decay
- Eustachian Tube Function (intact / perforated eardrum)
- Tympanometry with 1,000 Hz probe tone
- Two user programmable auto test sequences
- Color graphical display
- Built-in thermal printer (optional)

► Check the video on: www.inventis.it/video



## Clarinet

Clinical Middle Ear Analyzer

\_\_\_\_ Clarinet is a clinical middle ear analyzer, featured with all the tests needed for a deep and accurate investigation of middle ear disorders. Automatic and manual tympanometry, acoustic reflex threshold, decay and latency examinations, ETF for intact and perforated eardrums, high frequency and multi-component tympanometry are all available and full results can be observed on a wide color touch screen display.



- Manual and automatic tympanometry
- Multi-frequency probe tones (Plus only)
- Multi-component measurements (Plus only)
- Manual and automatic acoustic reflex test
- Acoustic reflex decay
- Acoustic reflex latency
- ETF test for intact and perforated eardrums
- Two user programmable auto test seguences
- High resolution color display with touch screen
- Built-in thermal printer (optional)

#### • Check the video on: www.inventis.it/video





Middle Ear Analyzer / Audiometer

\_\_\_\_ Viola is a combo unit that integrates a diagnostic middle ear analyzer offering ultrafast and reliable tympanometry and reflex tests with a diagnostic audiometer capable of performing threshold and speech examinations in AC and BC. Small footprint, complete features set, great reliability and ease of use make Viola the perfect choice for professionals on the move and for installations where space is at a premium.



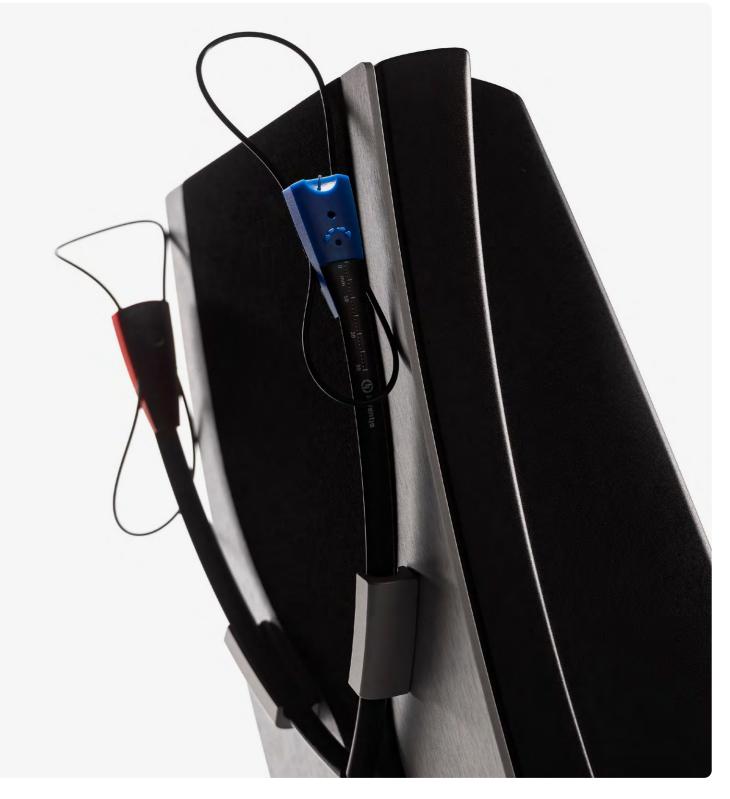
- Two versions available: Basic and Plus
- Pure tone audiometry in AC and BC
- Speech audiometry and QuickSIN™ (Plus version)
- Automatic tympanometry
- Ipsi/Contra acoustic reflex test
- Acoustic reflex decay (Plus version)
- Built-in thermal printer (optional)



# Fitting [fit-ing]



Including a video-otoscope, a real-ear measurement system, a hearing instrument test box and a software to simulate real-life sound environments, this product range is all you need for a perfect fitting.









Handheld video otoscope

\_\_\_\_ A handy digital video otoscope with chip-on-tip high definition camera. Fully integrated with Maestro software and compatible with Noah, this video-otoscope offers the possibility to capture outstanding quality images of the eardrum, that can be shown in real-time to the patient as well.

- Chip-on-tip HD camera (resolution: 1280 x 720)
- Crisp and clear images
- Noah compatible





**Trumpet** REM system and PC controlled audiometer



\_\_\_\_ Trumpet is an advanced and easy-to-use Real Ear Measurement system, capable of performing quick and accurate in-situ measures thanks to its wireless and lightweight (50 g / 0.11 lb) probes and its built-in amplified speaker. Not only, Trumpet combines also a diagnostic audiometer for carrying out air, bone and speech audiometric exams. Controlled directly from your computer, Trumpet offers a complete but simple and intuitive software interface, which makes it a compact and portable system with no compromises.



- Wireless probes with rechargeable battery
- Standard measures (REUG/R; REAG/R; REIG; REOG/R)
- NAL, DSL v 5 fitting target protocols
- · Speech mapping
- Live mode for counseling purposes
- Advanced mode for deeper investigations
- (optional) Pure-tone and speech audiometry in AC, BC and FF
- QuickSIN™ (optional), Master Hearing Aid, Stenger
- Built-in speaker for REM and audiometry
- Wall-mounting option and dedicated transducers support available

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#### Hearing Instrument Test Box (HIT)

Drum

\_\_\_\_ Drum is a hearing instrument test box (HIT) capable of an impressive ambient sounds attenuation, and featured with all the standard tests for evaluating performances of air conduction hearing aids.

Directly controllable from the Maestro software, Noah compatible and equipped with all couplers and adapters for any type of hearing aids, Drum is the perfect solution for those most demanding users who are not willing to compromise on user friendliness of their instrument.



- High attenuation of ambient sounds
- Standard tests according to EN-60118, ANSI S3.22
- Battery adapters
- Built-in telecoil
- Fully computer controlled through Maestro
- Noah compatible
- User customizable test sequences
- RECD available if combined with Trumpet REM





\_\_\_\_ Symphonia allows to simulate a realistic sound environment and make the patient feel the benefits provided by advanced hearing aid features, without having to leave the



Symphonia's advanced algorithm reproduces background noises recorded with special multichannel microphones, to make the patient feel inside a realistic external environment. Voices or musical instruments can be added to the sound field and moved all around the patient, to simulate directional sounds coming from different directions.

- Simulate a complex sound environment
- Advanced counseling tool
- Realistic background effects
- Customizable sound sources
- Control up to 8 speakers

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# **Otoacoustic Emissions & ABR**

[ oh-toh-uh-koo-stik ih-mish-uhns & uh-b-er ]





Developed in Germany, the PATH Medical® solutions for screening and diagnostic testing of oto-acoustic emissions and ABR make use of algorithms and technologies that can be considered the new frontier in audiology practice.





# SENTIERO



## **Sentiero Advanced**

All in-one for OAE, ABR, ASSR and tympanometry

\_\_\_\_ Sentiero Advanced is a hand held, portable lightweight scalable device combining TEOAE, DPOAE, AEP (ABR & ASSR) in a selectable modular format. The emphasis is on test flexibility, ease of use, reliable diagnostics and minimum test time. The new binaural diagnostic ABR is typically used for NHS conformational diagnostics, neurological diagnostics and objective threshold assessment.

#### PRODUCT BENEFITS

- Multiple tests in one unit (ABR, ASSR, OAE, Tympanometry)
- Multichannel FMDPOAE®
- Customizable protocols for each module
- Full color touchscreen
- Portability and flexibility
- Long battery life
- Large memory (stores over 1000 tests)
- Screening and diagnostic capabilities
- Extremely fast
- Objective and subjective testing in one device
- Scalable system

#### ABR/ASSR

- Binaural ABR, Click, chirp & frequency specific tone bursts
- User selectable stimulus type and levels up to 120 dB peSPL
- ASSR stimulus levels: up to 100 dB HL
- ASSR: up to 4 simultaneous test frequencies per ear
- Superior performance due to weighted averaging algorithm for different environmental settings
- Straightforward waveform analysis using automated peak markers

#### OTOACOUSTIC EMISSIONS

- Bilateral simultaneous measure
- Customizable DPOAE protocols between 0.8 10kHz
- Up to 30 points per octave in resolution
- ullet Time saving multiple channel stimulation and FMDP0AE $^{\text{\tiny{TM}}}$
- Patented cochlear audiogram & scissor paradigm
- Customizable TEOAE protocols between 0.7 4kHz

# **Sentiero** Diagnostic Handheld diagnostic OAE

\_\_\_\_ Sentiero Diagnostic provides diagnostic and screening TEOAE/DPOAE functionality and incorporates rapid binaural multi-frequency OAE, including the PATH Medical® patented module FMDPOAE® with frequency modulated stimulus and Binaural DPOAE-testing. SENTIERO diagnostic features ultrahigh resolution DPOAEs (up to 30 points per octave) providing fine detail inter-octave information up to 10kHz.

- Customizable DPOAE protocols between 800 10kHz
- Up to 30 points per octave in resolution
- Multi-channel FMDPOAE frequency modulation
- Full color touchscreen
- Stores up to 1,000 tests
- Long battery life
- Ultra-compact design
- Noah compatible

## **Sentiero** Screening Handheld screening OAE



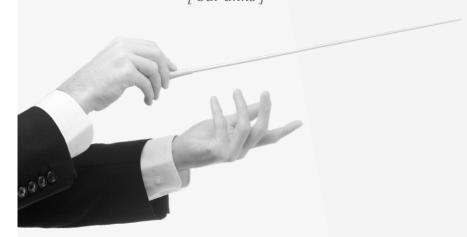
\_\_\_ The Sentiero Screening provides efficient and simple testing for all ages from 3 months onwards. Sentiero Screening is dedicated to perform screening tests with an outstanding test performance based on over 20 years of PATH Medical® experience. Suitable for all ages, Sentiero Screening provides reliable results combined with simple and efficient operation.

- DPOAE or TEOAE versions
- Simultaneous measurement on L/R ear 2 probes (opt.)
- Fast and reliable
- Full color touchscreen



# **Balance**

[bal-uhns]



Inventis balance range of products is characterized by innovative and unique solutions that can offer an unparallel reliability and ease-of-use.





# **Nystalyze**Nystagmus visualization and analysys system

\_\_\_\_ Nystalyze is a powerful and scalable system designed for visualizing and analyzing nystagmus, making it an invaluable tool for treating patients with dizziness and vertigo. With three different available modules, it offers the flexibility to configure the system according to the unique requirements of each clinic.

# **VideoScope** module

Nystalyze VideoScope **VNG Basic VNG Plus** module module module Video Frenzel Positional & Caloric



► Check the video on: www.inventis.it/video

Oculomotor

\_\_\_\_ VideoScope is the Nystalyze module for the visualization and analysis of the eye movements. Suitable for both diagnostic and rehabilitation purposes, with VideoScope module the user can choose between unique flexibility and advantages of a wireless system, or a more standard configuration with wired camera.



- Simple and intuitive system
- Video and audio recording features
- Available with wireless camera



As of today, Nystalyze is the only available system on the market with a wireless camera that grants an unparallel user expe- rience in regard to patient mobility, freedom of movements and flexibility of use. Nystalyze is also available with standard wired camera.







Videonystagmography

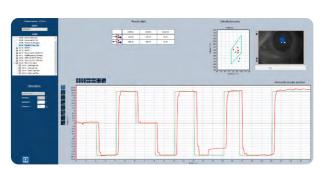
\_\_\_\_ Designed by Dr Erik Ulmer, the SYNAPSYS VNG module, offers a wide and complete range of tests, including vestibular and oculomotor. SYNAPSYS VNG module is available in two versions: Basic and Plus.

SYNAPSYS VNG module Basic includes the positional. nystagmus and caloric tests.

SYNAPSYS VNG module Plus adds to the offer the oculomotor tests: saccades, smooth pursuit, optokinetic and gaze.

By using state-of-the-art infrared cameras (whether wireless or wired) the patient's eye movements are recorded by the software and, thanks to its unique eye tracking system, SYNAPSYS VNG instantly detects the pupils without any adjustment required, even when it comes to difficult situations such as dark eyelids.

Advanced high-frequency bi-ocular camera analysis is also optionally available with the Visio mask. Specifically designed for oculomotor testing, it analyses both eyes simultaneously, allowing a true open field view.



SYNAPSYS VNG can guide through the examination of balance disorders and help reducing examination time. The presence of complete normative data to compare your results, the possibility to insert markers in real time and select different tracking modes (graphs, charts), as well as the available pre-loaded testing protocols, make the software extremely reliable and easy to use.

# **Solution** for pediatrics

## Cello

Diagnostic audiometer

\_\_\_ Cello is a PC controlled diagnostic audiometer, capable of performing fast and accurate air, bone and speech audiometry exams, as well as several additional tests including QuickSIN™, HF audiometry, and video-VRA. With its revolutionary design, complete feature set and top reliability, Cello is a little masterpiece, ideal for anyone unwilling to compromise on appearance and user experience.



# **Piano Plus VRA**

Clinical audiometer

\_\_\_\_ Piano Plus VRA allows performing the tests using up to three traditional reinforces (toy cabinets) directly connected to the audiometry, up to three video reinforces, or a combination of both! No matter from the configuration, all reinforcements are controllable directly from the audiometer itself.







# **Harmonica**

Portable video otoscope

\_\_\_\_ Harmonica is an incredibly portable and lightweight digital video otoscope. Thanks to the 2.8 metre USB connection cable, the operator has ample room for movement during the examination, which ensures a comfortable and flexible experience even for younger and less cooperative patients. In addition, the capture button on the instrument makes it easy to acquire images in 720p (1280x720) resolution.

» See page 16 for more!



## Timpani Handheld tympanometer

\_\_\_\_ Timpani is a handheld tympanometer that can be also easily used on pediatric patients thanks to its 1 Khz probe tone, available under license, and its speed in performig the examination.

» See page 12 for more!





# **Software suite**

[sôft'wâr - swi:t]



Nowadays, technology is a fundamental part of our lives, and the right software could change your daily practice by simplifying your work. Check out the solutions developed by Inventis!











## Maestro

The Orchestra Director

\_\_\_\_ As an orchestra has its conductor, so Maestro is the core of your Inventis instruments set-up, allowing you to easily manage the patient data and fully interact with your audiology equipment, bringing your daily practice to a new level of technology.

Run, review and combine exams. Create, check and print reports. These are just few of the operations that can be straightforwardly administered through Maestro, while just interacting with your computer.

#### PATIENT DATA MANAGEMENT

- Stand-alone archiving functions
- Noah compatibility
- Highly customizable report engine

#### **AUDIOMETRY & IMPEDANCE**

- Complete management of PC-based devices
- Live view mode on bigger screen

#### VIDEO-OTOSCOPY

- Image grabbing and video recording
- Side-by-side view
- Compatible with Delfino and MediCam Video Otoscope

#### **FITTING**

- Easy and customizable workflow
- Intuitive interface
- Graphical assisted fitting

#### BALANCE

- Full compatibility with balance equipment
- Customizable testing protocols
- Comprehensive reports







\_\_\_ The Maestro Control Panel is designed to increase the usability and navigation of Maestro software, especially when performing audiometric exams.

#### EXPLOIT THE SIMPLICITY OF MAESTRO

Take full advantage of the functions of your audiometer when connected to Maestro, quickly, easily, and comfortably. With its 50 + 4 configurable keys, the Maestro Control Panel provides an enhanced experience when performing examinations with Inventis audiometers.





#### **DESIGN AND EFFICIENCY**

The Maestro Control Panel is easily powered and controlled via USB and requires no driver installation. Simply plug it into your computer to start running your exams and also switch to control other Inventis devices without using your computer mouse and keyboard.



ACADEMIA





# **Inventis** more than what you can see.

Over the past 12 months

IN-PERSON EVENTS

3500+ ATTENDEES

NEW KEY OPINION LEADERS

## academia

\_\_\_ Expand your knowledge with Inventis Academia whose goal is to promote scientific content related to the equipment we provide and disseminate the latest advances in diagnostic audiology and balance with the help of internationally known and respected professionals.

Aware that the promotion of scientific divulgation events was the starting point for spreading the latest advancements in diagnostic audiology and balance, a few years ago Inventis launched the project Academia with the aim to promote scientific contents related to the equipment we supply among professionals in hearing and balance care.

Academia began its adventure in 2020 hosting the first online campaign on balance, for the national and international audience. The attendance reached outstanding numbers and the international connectivity increased considerably.

Since then, we have made great strides which saw the birth of Academia France in 2022 and more recently of Academia Spain

Today Inventis Academia means online events which are a fantastic learning opportinity to deepen and discuss the latest trends in hearing and balance with international respected experts from the comfort of your home.





Academia means offline seminars which are focused on products and are aimed at deepening theoretical and practical aspects of our units. "Inventis in Tour for fitting" and "Inventis in Tour for Balance" represent a series of events, at different cities, where our experts in collaboration with international speakers emphasize the strenghs of our products in order to improve the customer experience.

We partecipate in international and local conventions, offering workshops held by influential members of the scientific community.

We collaborate with prestigious journals by periodically providing scientific contents, news, interviews, so that the audience could be always up to date on what is happening in Inventis.

Books! "REM and fitting di apparecchi acustici" was written by our internal specialits, provides an essential guide to understand the aims and benefits associated with a REM examination. It has been distributed at several Italian Universities. The English edition is in progress. "The video Head Impulse Test: Theoretical and Practical Aspects" by Dr. Enrico Armato and Eng. Emanuele Trifoglio, is not simply a user manual for a tool that has revolutionized the study of the vestibular oculomotor reflex (VOR) and thus, vestibular diagnostics.

The university program represents a fundamental activity. Our specialists, in collaboration with local and international experts, hold, at different universities, scientific seminars related to the equipment we supply in order to increase the involvement of the University world, supporting innovation and reinforcing the Inventis culture.



\_\_\_ Join the community: my.inventis is the platform tailored to your device. Access exclusive content, keep your Maestro software and device up-to-date, and get technical support with one click.

standard.



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