

PA5

Pediatric Audiometer



One hand operation



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One hand operation

The PA5 is a free field audiometer designed for trained healthcare professionals involved in testing young children. It features one hand operation, silent buttons and a variety of light and sound stimuli.

Conditioned Orientation Response

Typically, two PA5s are used for the COR test, one in each hand. This allows the tester to use either unit to evoke head turn and provide visual reinforcement. The single-hand controls on the PA5 give full control over frequency and intensity and make the test process quick, flexible and comfortable.

Extended battery life

The PA5 is powered by three standard AA batteries. It will turn off automatically after a period of inactivity and reactivate when a stimulation switch is touched.

Silent presentation buttons

The two stimuli, light and sound, are controlled silent buttons. Both stimuli can be presented simultaneously by letting one finger touch both buttons. This gives full freedom operating COR, VRA and APR tests.

Improved sensitivity

The PA5 includes white noise as well as warble and narrow band stimuli. White Noise has been shown to be especially useful for evoking responses in the early months.

Audiometric headphone

With children old enough to cooperate, it is possible to connect a single TDH39 headphone to the PA5 and obtain audiometric thresholds. With a headphone attached, the PA5 automatically adjusts to the correct calibration for the TDH39.

Additional features

- Warble Tone
- Narrow Band Noise
- Flashing Light Stimulation
- TDH39 Audiometric Headphone (Optional)
- Robust, Lightweight
- Standard AA Batteries
- Automatic Battery Switch
- Automatic Battery Indication

Tests

- *Conditioned Orientation Response (COR)*
- *Visual Reinforcement Audiometry (VRA)*
- *Auopalpebral Reflex (APR)*



PA5

- *One hand operation*
- *Silent presentation switch*
- *White noise stimulus for improved sensitivity*



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Technical Specifications

Standards:	Audiometer: IEC 60645-1, Type 5. Sound Pressure Level of the loudspeaker: ISO 389-7. Sound Pressure Level of the headphone: ISO 389-1.
Power:	Batteries: 3 x AA, LR6 or Mignon. Alkaline or rechargeable (NiMH or NiCa).
Frequencies:	500, 1000, 2000, 3000, 4000 Hz.
Stimuli:	Warble Tone, NB, and WN.
Intensities:	Distance 50 cm: 20 - 30 ---- 80 dB HL in 10 dB steps, Warble Tone and WN -10 dB in NB Distance 16 cm + 10 dB
Distance 16 cm:	Increases the indicated intensity by 10 dB.
Warble frequency:	5 Hz, ± 5%.
Stimulation using TDH39:	Pure Tone: 500, 1000, 2000, 3000 and 4000 Hz. Intensities of 30 – 80 dB (independent calibration applied when TDH39 is connected).
Sound source:	Built-in loudspeaker or audiometric headphone TDH39 (independent calibration registers).
Light Stimulation:	3 LED's arranged in a triangle, flash speed 5 Hz (5 pulses per sec).
Tone and light presentation:	Silent presentation switch.
Approximate battery lifetime	The battery lifetime using alkaline battery type: With the instrument switched off: 12 months. With 80 dB tone switched on: 10 hours. With 80 dB tone and light switched on: 4 hours.
Dimensions and weight:	(LxWxH): 25x7x5 cm / 9.8x2.7x2 inches. Weight: 0.36 kg / 0.8 lb. incl. batteries.
Air freight packing:	(LxWxH): 35x26x12 cm / 14x10x5 inches. Gross Weight: 1.3 kg / 2.9 lbs.
Included parts:	3 AA Batteries PA5 Handbag Operation Manual Multilingual CE Instruction for Use
Optional parts:	TDH39S Single Earphone with cord and cup

Other audiometers:

- AS608 Screening Audiometer
- AD226 Diagnostic Audiometer
- AD229e Diagnostic Audiometer
- AD229b Diagnostic Audiometer
- AC33 Clinical Audiometer
- AC40 Clinical Audiometer
- Equinox Clinical Audiometer

Other screening products:

- OtoRead Portable OAE



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