

Technical Specifications

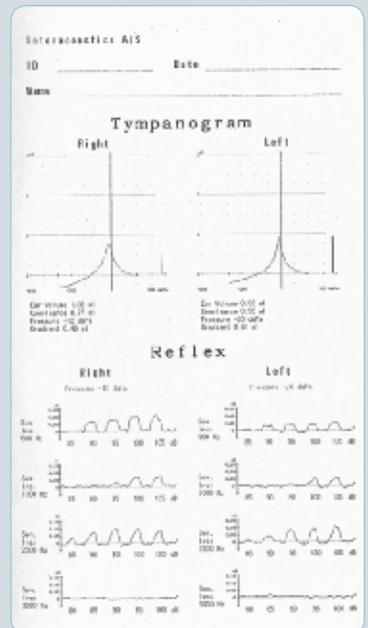
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| Probe tone: | Frequency: 226Hz. AT235h also: 678Hz, 800Hz, 1000Hz for traditional IYI-curve tympanometry. Level: 85 db SPL. Gain Control: AGC. |
| Air pressure: | Control: Automatic. Range: Default +200 to -400daPa (max. +300 to -600daPa). Safety limitation: -800 daPa and +600 daPa. Pressure change rate: Selectable in the set-up between 50, 150 and >250 daPa/s or automatic. Compliance: Range: 0.1 to 6.0 ml (numerical: 0.1 to 8.0 ml). |
| Function: | Automatic, where pump speed, start and stop pressure can be userprogrammed in the set-up. AT235h: Auto and manual pump functions. |
| Eustachian Tube Function: | AT235: Function test for use when the eardrum is intact. AT235h: Function tests for use with both intact and perforated eardrums. |
| Acoustic Reflex tests: | Automatic reflex: Two independent user selectable protocols. Series of fixed intensities available. Automated intensity search functions available for threshold search and reflex growth indication. Free mixing of Ipsi and Contra. Manual reflex: Manual control of all stimuli. May also be used to redo part of automated test results. Reflex decay: Manual control, with stimulus duration of 10 sec. Ipsi or contralateral stimulation. |
| Frequencies and intensity ranges: | Ipsilateral: Intensity up to 110dBHL. Frequency: 250, 500, 1000, 2000, 3000, 4000, WB, HP, LP noise Contralateral: Intensity up to 120dBHL. Frequency: 125 to 8000Hz, WB, LP, HP noise Audiometry: Intensity from -10 to 120dBHL. Frequency from 125Hz to 8000Hz |
| Attenuator: | 1dB or 5dB steps. |
| Memory: | Internal memory for two ears. Each ear: 6 Ipsi and 6 Contra recordings. Each may have up to 6 stimuli. Also, there is memory for additional manual reflex recordings. (Total max. 78 reflexes per ear). |
| Audiometer Functions: | Manual Audiometry. Automatic Audiometry according to ISO 8253-1 (Patient controlled Hughson-Westlake). |
| Printer: | Built-in fast thermal printer with paper width: 112 mm. |
| Compatible Windows software: | Interacoustics OtoAccess™ Database. IA-NOAH-Imp Module for interfacing to NOAH. Pending: Diagnostic Suite for PC-integration (OtoAccess™ and Noah compatible) |
| Consumption: | 15VA, max. 45VA. |
| Dimensions/weight: | 42 x 32 x 10.2 cm / 16.5 x 12.5 x 4 inches. Weight: 4.1 kg / 9.0 lbs. |
| Impedance standard: | IEC 60645-5/ANSI S3.39, Type 2. |
| Audiometer standard: | IEC 60645-1/ANSI S.3.6, Type 4 Tone. |
| Safety standard: | IEC 60601-1, Class I, Type B. |
| Medical CE-mark: | Yes |
| Printer Option: | AT235-xp is identical to the AT235 but has no built-in printer. Suitable for installations where computer connection takes care of printing. |
| Included Parts: | ATP-AT235u Universal probe system with shoulder strap and wrist strap HBZ235u Single contralateral headset Power cable (110/220V, please specify) BET55 Ear tips in box TPR26 3 Rolls of recording paper Operation manual CD Multilingual CE manual |
| Optional Parts: | TDH39 Audiometric headset EAR-Tone5A Insert phones for audiometry Soft carrying bag CIR22 contralateral insert phone APS3 Response switch CAT50 Calibration unit 0.2-0.5-2.0-5.0 ml IES-2 Impedance ear simulator OtoAccess™ Database and diagnostic modules software IA-NOAH-Imp module Pending: Diagnostic Suite for PC-integration (OtoAccess™ and Noah compatible) |

- Other Middle Ear Analyzers:**
- Titan Middle Ear Analyzer
 - MT10 Handheld Tympanometer

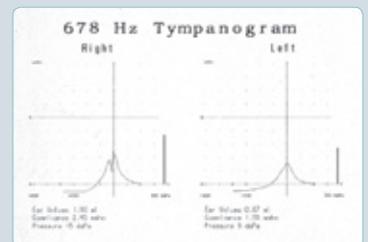
- Audiometry and Middle Ear Analyzer in one:**
- AA222 Audio Traveller



Carrying bag



Printout from AT235



Printout from AT235

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Interacoustics A/S

Phone: +45 6371 3555 · Fax: +45 6371 3522
E-mail: info@interacoustics.com
DK-5610 Assens, Denmark
Web: www.interacoustics.com



leading diagnostic solutions

Read more here:
www.interacoustics.com/com/AT235