

FIM Audiolyser® ADL-20 Occupational Health Screener

Ultra-portable automatic audiometer - for fast screening in busy environments



- Unique Occupational Health audiometer with space-saving design
- Compact, comfortable, portable, lightweight and easy for subject to operate
- Fast, accurate automatic and manual tests
- Continuous or pulse tone
- Inbuilt HSE and ISO 7029 Categorisation for fast comparison with predicted values
- PC-based audiometer powered from USB port
- Eleven frequencies: 125Hz to 8000Hz
- Automatic voice instructions direct to subject via earphones
- Export results via ASCII Text, Excel, FTP or IO Data
- Print direct to PC printer
- Customisable keyboard settings for manual testing
- Class IV audiometer
- Complete system includes: Audiolyser® ADL-20 audiometer integrated in 3-metre cord with USB connection, AudioWin® 20 software, printed User Guide, TDH39 headset and earphones, soft protective case.
- Full database included
- Multiple databases allowed
- Comparison of audiograms over time

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General Technical Specifications

Fast occupational screening

The FIM Audiolyser ADL-20 uses the latest digital technology to produce fast and reliable threshold tests and hearing checkups in the workplace or educational establishment. With integrated HSE and ISO 7029:2000 categorisation, this instrument can be used by non-medical staff to perform reliable screening in the workplace, school or college.

Easy and comfortable to operate

The audiometer is integrated into the headphone cord making it very light and easy to operate by the subject. The PC software gives the operator or audiologist a clear user interface, delivering results instantly for interpretation, printing, saving and export.

Automatic Functions

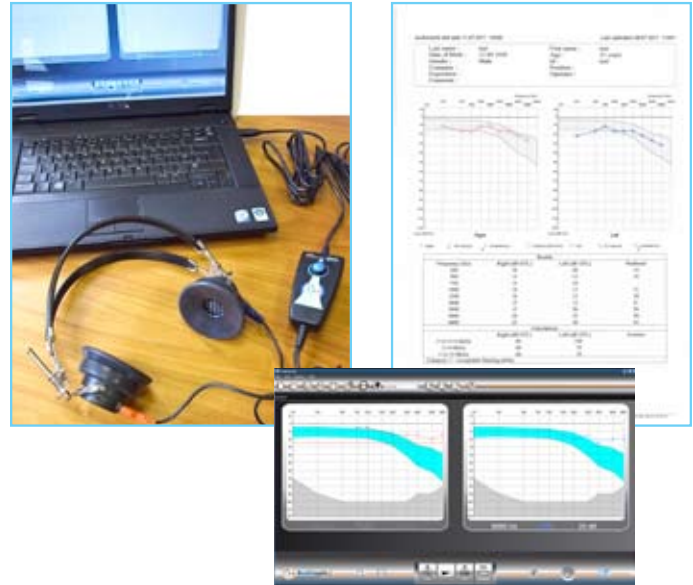
Audiolyser ADL-20 incorporates fully automatic testing, with HSE and other categorisations. This allows the operator to easily compare a test result with the statistical norm expected for the subject's age and gender. Most parameters can be adjusted before the test and then be carried out automatically without further intervention.

Other functions:

- 90dB authorisation allows safe preselection of above 90dB tests
- Alert when 100dB exceeded
- Full database of patient data. Multiple databases allowed.
- Manual
- Responses can be entered manually to validate by operative
- Pause during test
- Printout in colour or mono
- MHL (Mean Hearing Loss), EWI (Early Warning Indicator), HSE Categorisation
- Reports – audiogram printout

Optional accessories:

Audiocups - noise-excluding earphone enclosures for an extra 20dB (approx.) attenuation of background noise. (Code: AUD DLA)



Test signals	Continuous, Pulsed
Selectable Test Frequencies	125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz
Intensities	1dB, 5dB, 10dB steps
Inputs	Patients response button or manually by operator using PC mouse or keyboard
Outputs	AC
Functions	Comparison of audiograms over time.
	90dB authorisation
	Alert on 100dB exceeded
	Pause during test
Audiometer Class	4
Dynamic range	-10 to max. 120dBHL
General	
Safety	BS EN 60601-1 Standard
Audiometry	BS EN 60645-1 tonal audiometers (pure sound) standard
Calibration	ISO 389-1, ISO 389-8
Test methods	NF EN ISO 8253-1
CE Marking	CE 0398
Memory	Limited only by PC memory
Printer	Output to printer connected to PC
Display	Output to PC screen
PC interface	USB input/output
Dimensions	47 x 25 x 120 (WxDxH in mm), cord 3 metres from audiometer module to PC connection
Weight	430g
PC Software compatibility	Microsoft Windows® 2000, XP, Vista, Windows 7

SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS