



Audiometer KAU-A100

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Audiometer KAU-A100 is a high-precision two channel diagnostic practical screening instrument to examine hearing acuity. Digital signal processing enables high quality masking and refractivity. Alphanumeric trans-reflective LCD screen displays sound output intensity, frequency and test information for visible results.

Features:

- Wide intensity range
- AC up to 250 Hz – 8K Hz
- BC up to 250 Hz – 6K Hz
- Flexible for clinical and portable use
- Special output (SF) [Optional]
- Masking for both AC and BC
- Built-in microphone for easy communication with subjects

Applications:

Used in ENT hospitals, research communities, rehabilitation centre and deaf training centres for clinical audiometry to test conductive hearing mechanisms.

Specifications :

Attenuation level	-10 dB ~ 120 dB
Calibration	Calibrates multiple types of earphone at the same time
Connectivity	USB 2.0 data interface
Dimensions	450 x 300 x 110 mm
Distortion	Air conduction: 2.5% ; Bone conduction: 5%
Input	Tone and Speech
Masking	Pure tone masking ; Ipsilateral masking
Microphone	Built-in microphone (0-20 intensity levels, adjustable)
Output	TDH 39 Air conduction headset(L/R), B71 Bone conduction headset(L/R), Free Sound field
Patient Response	hand switches
Power Consumption	60 VA
Power Supply	100V / 50 Hz to 240V / 60 Hz
Report format size	A4 or B5 format report
Standards and Compliance	EN 60601-1, level 1 class B EN 60601-1-2 EN 60601-1-4 EN60645-1 EN60645-2 EN60645-4 ANSI S3.6-1996
Test Frequencies	11 standard frequency

Test Frequencies Range	Hz	AC	BC
	125	-10~90	-
	250	-10~100	-10~45
	500	-10~120	-10~60
	750	-10~120	-10~60
	1000	-10~120	-10~70
	1500	-10~120	-10~70
	2000	-10~120	-10~70
	3000	-10~120	-10~70
	4000	-10~120	-10~60
	6000	-10~110	-10~50
	8000	-10~110	-
Test Signal	Pure tone, Pulse tone, Warble tone, Narrowband noise		
Type	Two-channel for independent outputs		
Warm-up Time	Less than 10 minutes		
Weight	2.4 Kgs		



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