MA 33 PC Audiometer



- Air Conduction, Bone Conduction and Speech tests
- Pilot-Hearing test for children
- SISI, Stenger and automatic Hughson Westlake tests available
- Intuitive handling of the clearly presented user interface
- Operate at your convenience with your mouse or keyboard
- Small, fast, flexible and highly mobile
- Display and store your results in one second
- Includes MAICO Patient Database
- Easily expandable to future developments



www.maico.biz

MA 33 with AC, BC, HW, SISI, Pilot Hearing Test & Speech

Digital Audiometer

The MA 33 is our small, fast and flexible PC audiometer for every occasion. The operation via USB connection to your PC or notebook is very easy and the MA 33 allows numerous possibilities to highly adopt the settings to your personal preferences and needs. The software offers various fast and reliable audiometry methods.

MA 33 AC - Tone Audiometry

Offers fast and reliable screening and hearing threshold determination for both adults and children.

MA 33 BC – additional bone conduction

Furthermore the MA 33 with bone conduction enables you to identify potential middle ear problems.

MA 33 Pilot hearing test

The PILOT TEST is a fast and funny hearing and speech recognition test for children from the age of 3 or 4 years on. The child is asked, via headphones, to point to different pictures on a picture board or optional touch screen. During the test, the degree of difficulty increases step by step, as the test level decreases from 70 dB_{HL} to finally 25 dB_{HL}. The test is available in many different languages.

MA 33 SISI

In addition to air and bone conduction, the MA 33 SISI shows whether the hearing impairment is cochlear or retro cochlear.

MA 33 Speech

Speech tests can be done with recorded speech test material from various sources and via speech microphone.

Automatic test – Hughson Westlake

With the HW test the MA 33 can record an audiogram without any control of an examiner. Voice prompts will instruct the test person and wrong answers will be detected.

These various versions make the MA 33 the ideal device for every ENT specialist, whether you are an ENT doctor, general practitioner, audiologist, pediatrician or work in occupational health.



MA 33 with headset DD45, B71, response button and software

Technical Data

Techr	nical	Da	ta									
Test Sigr	nal:		Р	Pure, Pulse or Warble tone								
Test Frequency kHz:				0,125; 0,25; 0,5; 0,75; 1; 1,5; 2; 3; 4; 6; 8								
Intensity:				5 dB noise free change of level step								
Audiometer Class:				Class 4 according to EN 60645-1								
Masking:				narrow band noise masking, automatic or manually adjustable								
Air Cond	luctior	ı	ŭ				any ac	.justu.				
Test Intensity Tone:				-10 to 105 dBHL (depending on frequency)								
Test Intensity Speech:				-10 to 90 dBHL (depending on frequency)								
AC Head	lphone	2:	D T	D45, o DH39,	option Holm	al: DD co 81(65 (fo)3	r tone	audio	ometry	y only),	
kHz	0,125		0,5	0,75	1,0	1,5	2,0	3,0	4,0	6,0	8,0	
DD45	65	85	100	105	105	105	105	105	100	95	90	
DD65	60	60	85	90	105	95	100	105	95	85	90	
<u>Bone Co</u> MA 33 B	nducti BC / M	<u>on</u> A 33 9										
Test Intensity -10 to 70 dBHL (depending on frequency)												
kHz	0,2),5	0,75	1,0	1,5	2,0		,0	4,0	6,0	
B71	30		50	65	70	70	70		0	70	50	
BC Headphone B71												
<u>SISI-Test</u> Modulation Test Signal: 4,8/0,2 s; 1 dB (test)												
5				4,8/0,2 s; 5 dB, 3 dB, 2 dB (preparation)								
Power Supply:				via USB								
Size and Weight:				W x D x H: 15,4 x 10,3 x 2,7cm / 300 g								
Accessor			t: s	software package, picture board, roll of stickers; touch screen (optional)								
Standard Accessories: MA 33 device; air conduction headphone												
DD45, patient response button, software, MAICO patient database, USB cable, bag												
Safety Standards:				EN 60601-1, EN 60645-1; Instrument complies with 93/42/EWG Directive for Medical Product Class II a								
PC Requ	iremei	nts		-curcu						C	<u> </u>	
Processo		lr		ual Co								
Memory: 1 GB RAM, 2 GB RAM (Windows 7)												
Graphics: 1280 x 1024 (opt.), 1024 x 768 (min.) USB: 1 free USB port												
Operating system: Windows XP Professional (SP 3 min.)												
•		V	/indo	ws 7, I	Profes	sional	32/64	Bit o	r Ultin		2/64 Bit	
		N N	/INDO	ws 8, I	Protes	sional	32/64	Bito	r Ente	rprise	32/64 Bit	

Specifications are subject to change without notice

NET-Framework 3.5 SP

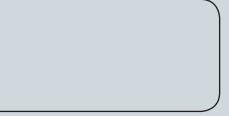


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