

MB 11 BERAphone®

Excellence in Newborn Hearing Screening

Fast and Baby-friendly screening

The MAICO MB 11 BERAphone® offers a fast automated ABR screening test for newborns. The patented BERAphone® includes the speaker, the electronic and the measuring electrodes in one unit. The cushioned earpiece allows testing without adhesive disposables, thus making it more comfortable for the baby. If a response at 35 dB_{nHL} is detected and verified, the test result is PASS.

The patented CE-Chirp®

The CE-Chirp® stimulates all regions of the cochlea at the same time and thus generates much higher responses and faster results than a standard click. This leads to very reliable results under normal noisy conditions.

Features at a glance

- Fast and automated ABR-screening, reliable results within seconds
- Unique BERAphone® with integrated electrodes saves costs for disposables
- Automatic impedance check indicates impedance conditions
- Export patient details and test data for tracking purposes
- Stimulation level at 35 dBnHL
- USB connection for power supply and data transfer

✦ CE-Chirp® inside



Technical Data

MB 11 SPECIFICATIONS

Display	Normal mode: Test result (Refer/Pass/Abort), test diagram, signal quality display, traffic light for impedance test
Signal Quality Check	By signal quality bar
AABR-Algorithm	Patented FSS-test (fast steady state)
Power Supply	USB-Port 5V DC max. 400 mA
EEG Amplifier	87 dB (23.000 times)
Screening	
Stimulus Type	CE-Chirp®
Stimulus Rate	93/s
Stimulus Level	35 dB _{nHL}
Transducers	Dynamic transducer (8 Ohm) built-in in MAICO BERAphone® measuring probe

COMPUTER REQUIREMENTS

Type	Intel Pentium P4 compatible or better
RAM	Minimum 1 GB
Hard Disk	Minimum 5 GB free disk space
Interface	USB 1.1 or 2
Display	SVGA Colour Display 800 x 600 or better
Operating System	Windows XP SP 3 Windows 7 32/64 bit Professional or Ultimate, Windows 8 32/64 bit Pro

STANDARD COMPONENTS

- MAICO BERAphone® measuring probe
- MB 11 box
- Carrying case
- Cradle
- Software CD
- Electrode gel
- USB cable
- User manual

OPTIONAL ACCESSORIES

- Label printer
- Notebook
- Hardware Tester

STANDARDS

IEC 601-1, BF according to medical device directive 93/42/EEC
IEC 60645-7, Type 2



Specifications are subject to change without notice.

Standard Components			
	BERAphone® with cradle	Carrying case	MB 11 box
Optional Accessories			
	Label printer		

MAICO Diagnostics GmbH

Sickingenstr. 70-71 · 10553 Berlin · Germany
Tel.: +49 30/70 71 46-50 · Fax: +49 30/70 71 46-99
sales@maico.biz · www.maico.biz