

MB 11 BERAphone®

Excellence in Newborn Hearing Screening

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 dB_{nHL}
- USB connection for power supply and data transfer

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.

 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
ABR-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 Color 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
- Cradle
- Software CD
- Electrode gel
- USB cable
- User manual

OPTIONAL ACCESSORIES

- Label printer
- Carrying case
- 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	MB 11 box
Optional Accessories		
	Label printer	Carrying case

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ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.