

## 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<sub>nHL</sub> 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 dB<sub>nHL</sub>
- USB connection for power supply and data transfer

 CE-Chirp® inside



## Technical Data

### MB 11 SPECIFICATIONS

<b>Display</b>	Normal mode: Test result (Refer/Pass/Abort), test diagram, signal quality display, traffic light for impedance test
<b>Signal Quality Check</b>	By signal quality bar
<b>AABR-Algorithm</b>	Patented FSS-test (fast steady state)
<b>Power Supply</b>	USB-Port 5V DC max. 400 mA
<b>EEG Amplifier</b>	87 dB (23.000 times)

### SCREENING

<b>Stimulus Type</b>	CE-Chirp®
<b>Stimulus Rate</b>	93/s
<b>Stimulus Level</b>	35 dB <sub>nHL</sub>
<b>Transducers</b>	Dynamic transducer (8 Ohm) built-in in MAICO BERAphone® measuring probe

### COMPUTER REQUIREMENTS

<b>Type</b>	Intel Pentium P4 compatible or better
<b>RAM</b>	Minimum 1 GB
<b>Hard Disk</b>	Minimum 5 GB free disk space
<b>Interface</b>	USB 1.1 or 2
<b>Display</b>	SVGA Colour Display 800 x 600 or better
<b>Operating System</b>	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