

MB11 BERAphone®

 **CE-Chirp®** inside

Fast and Baby-friendly Screening

The MAICO MB 11 BERAphone® offers a fast automated ABR screening test for newborns. The patented BERAphone® includes speaker, electronics and measuring electrodes in one unit. The cushioned earpiece and the reusable electrodes allow 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.

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 ensuring precise and clear signal conditions
- Export patient details and test data for tracking purposes
- Stimulation level at 35 dB nHL
- USB connection for power supply and data transfer



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.



Recognized & Accredited by:



Technical Data

MB11 BERAprhone®

Dimension / Weight	120 mm x 93 mm x 30 mm / 142 g
Display	Test result (Pass, Refer or Abort), test diagram with line towards PASS, signal quality or EEG, traffic light for impedance test
Languages	English, German, Spanish, French, Italian, Dutch (Belgium), Turkish, Hungarian, Russian, Chinese, Japanese
PC Interface	USB
Power Supply	USB-Port 5V DC max. 400 mA

Cradle

Dimension / Weight	1119 mm x 160 mm x 74 mm / 270 g
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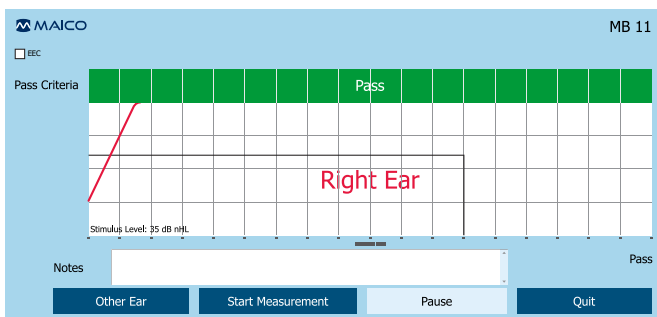
BERAprhone®

One Channel	3 reusable stainless-steel electrodes
Gain	69.6 dB
CMR Ratio	>110 dB at 80 Hz
Transducer	Integrated dynamic speaker (8 Ω)
Dimensions / Weight	160 mm x 87 mm x 60 mm / 285 g

ABR

Stimuli	CE-Chirp
Stimuli Rate	~90/s
Stimuli Level	35 dB nHL
Test Mode	Monaural
Impedance Test	Automatic pre-test
Test Duration	16s to 180s
Artifact Rejection Lv.	100 µV

MB 11 Software



Pass Screen - The combination of the advanced response detection algorithm and the patented CE-Chirp stimulus allows fast test times and optimal screening quality.

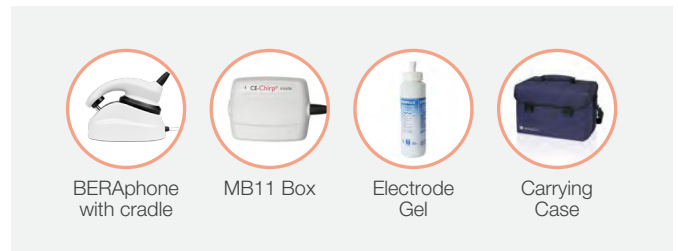
Computer Requirements

Type	2 GHz or more
RAM	Minimum 1 GB
Hard Disk	Minimum 10 GB free disk space
Interface	USB 1.1, 2.0 or 3.0
Display	Min. resolution 1280 x 1024 or higher
Graphic Card	Direct X9 with WDDM 1.0 or higher
Operating System	Windows 7 32/64-bit Professional Windows 8 32/64-bit Pro Windows 10 32/64-bit Pro



Standard Components

- MB11 Box with BERAprhone
- Cradle
- Set of replacement electrodes
- Electrode gel
- Carrying case
- PC software
- USB cable



Optional Components

- Label Printer

Standards

- IEC 60645-7, Type 2,
- IEC 60601-1 BF,
- IEC 60601-1-2, according to medical device directive 93/42/EEC



**Baby-friendly;
no adhesive disposables,
no pulling, no pain.**

