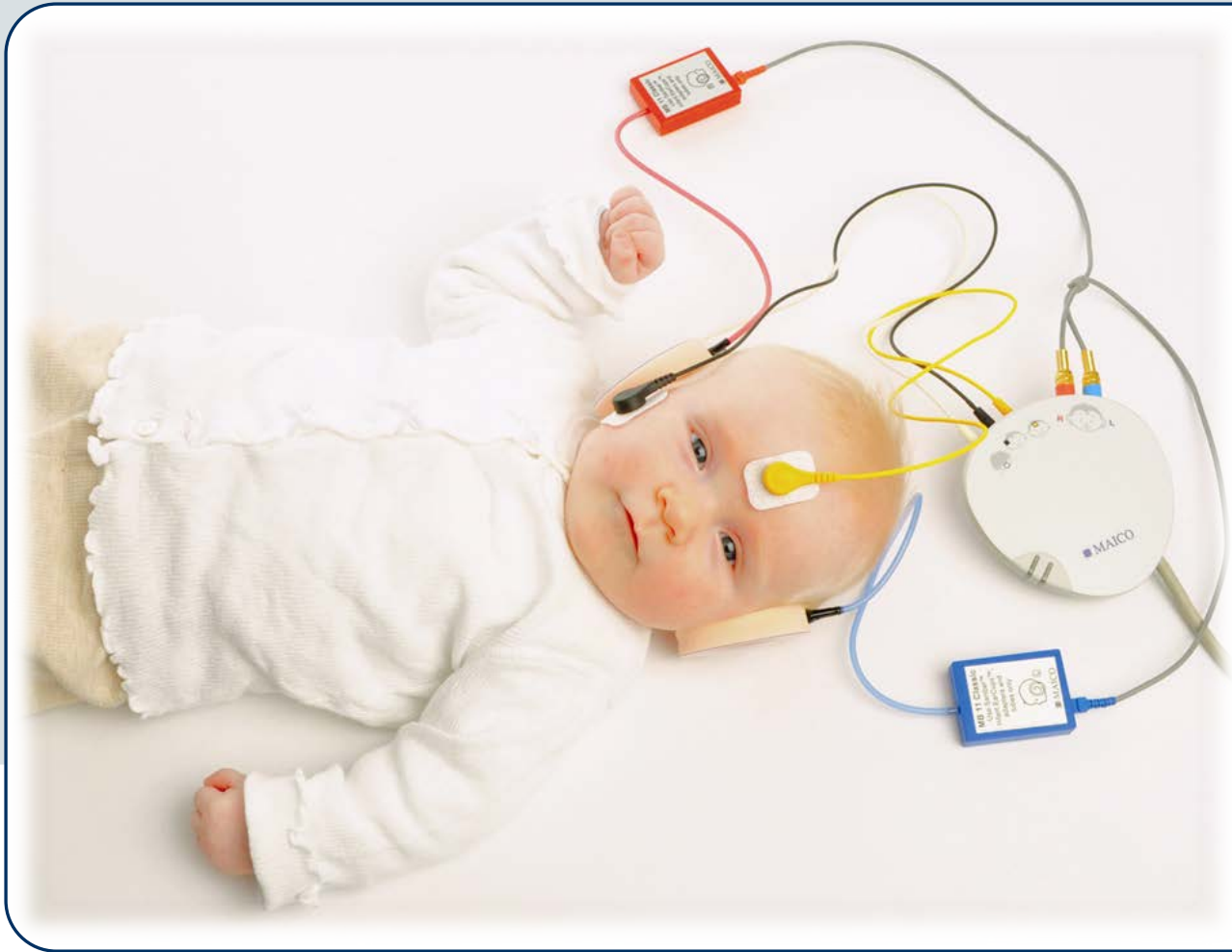


## Binaural Automatic ABR Screening with MAICO MB 11 Classic with EarCups



- Very fast automated ABR-screening with CE-Chirp™ stimulus
- Simultaneous binaural screening
- Advanced ASSR algorithm provides "PASS" or "REFER" result
- Automatic Impedance Check ensuring good signal conditions
- Automatic Data export for easy and quality tracking
- USB connection for power supply and data transfer
- Using Sanibel infant EarCups™ and snap electrodes

# MAICO MB 11 Classic - Excellence in Newborn Hearing Screening

## Hearing screening within seconds

The MAICO MB 11 Classic offers very fast automatic ABR screening tests. It is especially designed for Newborn Hearing Screening.

## Screening with the new patented CE-Chirp™

CE-Chirp™ stimulates all regions of the cochlea simultaneously thus generating much higher responses and faster results compared to a standard click. This leads to highly reliable results under normal nursery conditions. Using an advanced ASSR algorithm, the measurement obtains very fast and reliable results. If a response at 35 dB<sub>HL</sub> is detected, the test takes maximum 3 minutes.

## Binaural, simultaneous screening

A special advantage of the MB 11 Classic is the opportunity for fast binaural ABR screening tests with only three electrodes in a few seconds, thus shortening total screening time.

## Automatic impedance check

EEG measurements require low electrode impedance (skin to electrode resistance). The integrated automatic impedance check ensures good testing conditions at all time.

## Integrated tracking and data transfer

The software offers an automatic data-exporting function for transmission of patient and test data for storing and tracking.

## Easy handling and quick preparation

High quality Sanibel disposables are used. The Infant EarCup™ and snap electrodes are reducing the preparation time to a minimum and assure perfect measurement conditions. The clear see-through EarCup™ allows for easy positioning over the ear.

## Mobile and flexible solution

In combination with a small notebook, the MB 11 Classic provides a mobile screening solution for all environments. A small optional label printer provides the possibility to print the results immediately.



MB 11 Classic Version with EarCups

## Technical Data

Number of channels: Screening	2 output channels
Stimulus type:	CE-Chirp stimulus™
Stimulus rate:	93/s, 88/s
Stimulus levels:	35 dB <sub>nHL</sub>
EEG Amplifier Amplification:	87 dB (23.000 times)
Display:	Normal mode: test result (PASS/REFER/ABORT), test diagram, signal quality display, traffic light for impedance test.
Signal quality check:	With traffic light display or EEG quality
Standards:	IEC 60601-1, BF according to medical directive 93/42/EEC
Power supply:	USB-Port 5V DC max. 400 mA
Standard Accessories:	ER-3A insert phone with EarCup adapter, electrode cables, 1 set of electrodes and EarCups, Nuprep® preparation gel, MB 11 box, carrying bag, USB cable, software-CD, user manual
Computer requirements:	Intel Pentium P4 compatible or better RAM: minimum 1GB Hard disk: Minimal 5 GB free disk space Interface: USB 1.1 or 2 Display: SVGA-Colour Display 800x600 or better
Operating system:	Windows XP SP 3 Professional Windows 7 32/64bit Professional or Ultimate, Power supply with ground connection (3-pin) or battery



Specifications are subject to change without notice



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