

MAICO MB 11 Classic with Infant EarCups™

Binaural Automated ABR Screening

Screening with the Patented CE-Chirp™

The MB 11 Classic offers very fast and automated ABR screening tests. CE-Chirp™ stimulates all regions of the cochlea simultaneously, thus generating much higher responses and faster results compared to a standard click. Using an advanced ABR detection algorithm, the measurement obtains rapid and reliable results.

Binaural and Simultaneous Screening

The MB 11 Classic offers binaural automated ABR Screening tests with only three electrodes, supported by an integrated automatic impedance check to ensure good testing conditions.

Easy Handling and Quick Preparation

The Infant EarCup™ and snap electrodes reduce the preparation time to a minimum and assure perfect measurement conditions. The clear see-through Infant EarCup™ allows easy positioning over the ear.

NEW Intuitive PC Software for More Efficiency

The updated software guides the user through the entire screening process. Streamline your workflow by adjusting the user interface to your needs. Focus more on your patients than on data handling. Get all needed instructions on-screen during preparation and all through the test to ensure best results. You can quickly print the results or save them as a PDF. Automated tracking export in various formats reduces your effort even further.

Features at a Glance

- Fast and automated ABR screening with CE-Chirp™ stimulus
- Simultaneous binaural screening
- Automatic skin impedance check ensuring precise and clear signal conditions
- Cutting-edge PC software for easy operation
- Guided screening process with on-screen instructions
- Flexible data exporting options for reporting

 CE-Chirp® inside



Technical Data

MB 11 CLASSIC

| | |
|---------------------|---|
| Dimensions / Weight | 120 mm x 93 mm x 30 mm / 142 g |
| Display | Test result (Pass, Refer or Incomplete), test diagram with line towards PASS, signal quality and EEG, electrode positions and impedance |
| Languages | English, Chinese, French, German, Hungaria, Japanese, Polish, Russian, Spanish, Turkish |
| PC interface | USB |
| Power supply | USB-Port 5V DC max. 400 mA |

PREAMPLIFIER

| | |
|---------------------|--|
| One Channel | 3 electrode cables (black, yellow and white) |
| Gain | 69.8 dB |
| CMR Ratio | >110 dB at 80 Hz |
| Dimensions / Weight | 100 mm x 100 mm x 22 mm / 100 g |
| Transducer | IP30 with EarCup™ adapter |

ABR

| | |
|--------------------------|------------------------|
| Stimuli | CE-Chirp® |
| Stimulus rate | ~90 /s |
| Stimulus level | 35 dB nHL (default) |
| Level range | 25 dB nHL to 45 dB nHL |
| Test mode | monaural/binaural |
| Impedance test | Automatic pre-test |
| Test duration | 16 s to 180 s |
| Artifact rejection level | 80 µV to 120 µV |

COMPUTER REQUIREMENTS

| | |
|------------------|--|
| CPU | Intel Core i5, i7 or equivalent |
| RAM | Minimum 8 GB |
| Hard Disk | Minimum 10 GB free disk space |
| Interface | 1 free USB port |
| Display | Minimum resolution 1360 x 786 |
| Operating System | Windows 10 Pro, Enterprise 64 bit (no 'N' Edition) Windows 11 64 bit |

STANDARDS

| | |
|---------|---|
| ABR | IEC 60645-7, Type 2 |
| Safety | IEC 60601-1, Type BF |
| EMC | IEC 60601-1-2 |
| CE 0123 | according to Medical Device Regulation (EU) 2017/745, Class IIa |

STANDARD COMPONENTS

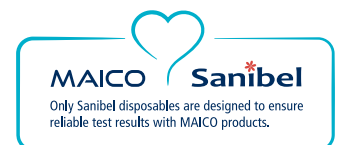
- MB 11 Box with preamplifier
- IP30 insert phone with Infant EarCup™ adapter
- Electrode cables
- Set of replacement electrodes and Infant EarCups™
- Nuprep® preparation gel
- Carrying case
- PC software
- USB cable

OPTIONAL COMPONENTS

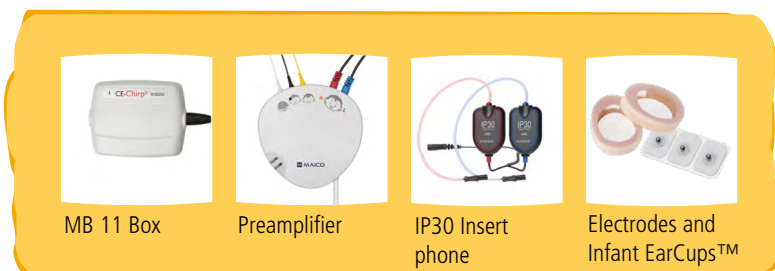
- Label printer
- Cart solution

SANIBEL

We highly recommend to use Sanibel disposables in order to guarantee optimal test results.



Specifications are subject to change without notice.



MB 11 Box

Preamplifier

IP30 Insert
phoneElectrodes and
Infant EarCups™

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