easyScreen BERApone®
The Ultimate Solution for Baby-Friendly Newborn Hearing Screening

Features at a Glance
- BERApone®’s integrated, reusable electrodes & ear cushion eliminate expensive disposables
- Spring-mounted electrodes and rotating vertex electrode gently conform to baby’s head for the best fit
- Button on the BERApone® handle lets you start, pause and stop the test right where you are, at the baby’s side
- Red and Blue LEDs on the sides of the BERApone® indicate the selected test ear to assure test accuracy
- LEDs on the handle provide feedback about quality during the impedance test and ABR measurement so you can focus on the baby, not the touchscreen
- Semi-transparent ear cushion helps you see the placement around the ear for a better fit
- Light-weight, ergonomic design for comfortable handling

Easy on baby, budget and environment…& FAST!
Built on the legacy of the MB 11 BERApone® but improved based on customer input, the easyScreen BERApone® allows you to perform ABR screening without the expense and waste associated with disposable supplies. The built-in electrodes and ear cushion avoid use of uncomfortable adhesives on baby’s skin. Achieve fast test times due to our patented CE Chirp® stimulus and powerful response detection algorithm.

The choice is yours
Benefit from maximum flexibility - our easyScreen ABR + OAE hearing screener can be configured to perfectly match your needs. Choose your ideal ABR combination:
- BERApone® with unique no disposable ear cushion, with optional TEOAE and/or DPOAE
- Insert phones
- Disposable earCups™ or eartips
### Technical Data

**EASYSCREEN**
- **Dimensions / Weight**: 6.5 in x 3.3 in x 0.9 in / 9.3 oz
- **Display**: 4.3" color touch screen
- **Languages**: English, German, French
- **Storage**: 250 patients, max with 50 tests each
- **PC interface**: micro USB
- **Battery**: Rechargeable Li-ion

**CRADLE**
- **Charging**: Wireless (inductive charging)
- **Power supply**: 5 V DC (micro USB)
- **Dimensions / Weight**: 5.5 in x 5.5 in x 2.4 / 9.5 oz

**BERAPHONE®**
- **One Channel**: 3 reusable stainless-steel electrodes
- **Transducer**: Integrated dynamic speaker (8 Ω)
- **Controls**: Button to start/pause test, LED’s to indicate test ear, electrode impedance and test status

**STANDARDS**
- **IEC 60645-7 2009 Type 2**, **IEC 60601-1 Type B and BF**, **IEC 60601-1-2**
- According to the class Ila of the EU medical directive 93/42/EEC
- **IEC 60645-6, Type 2**

**ABR**
- **Stimuli**: CE-Chirp® (default), Click
- **Stimulus rate**: ~90 /s
- **Test mode**: monaural
- **Default Level**: 35 dB nHL
- **Level range**: 30 dB nHL to 45 dB nHL
- **Impedance test**: Automatic pre-test
- **Test duration**: 10 s to 180 s
- **Artifact rejection level**: 100 µV
- **Gain**: 72 dB
- **CMR Ratio**: >110 dB at 100 Hz

**OAE PROBE OPTIONAL**
- **Cable length**: 19.6 in or 47 in

**TEOAE**
- **Stimulus type**: Click
- **Level**: 83 dB ref (in-ear calibration)
- **Analysis bands**: 1.4, 2, 2.8 and 4 kHz (center frequencies)
- **Pass criteria**: 3 out of 4 bands, min 4 dB SNR, min -5 dB ref OAE level
- **Test duration**: 4 s to 60 s

**DPOAE**
- **Stimulus type**: Pairs of pure tones
- **Level (L1/L2)**: 65/55 dB ref
- **F2 Frequencies**: 2, 3, 4 and 5 kHz
- **F2/f1 ratio**: 1.22
- **Pass criteria**: 3 out of 4 bands, min 6 dB SNR, min -5 dB ref OAE level
- **Test duration**: 4 s to 60 s

**STANDARD COMPONENTS**
- easyScreen
- Charging cradle
- BERAPHone® with cradle
- Set of replacement electrodes
- Carrying case
- HearSIM™ PC software

**OPTIONAL ACCESSORIES**
- Wireless label printer
- OAE probe
- ABR preamplifier with insert phones
- Tablet, enclosure and gooseneck accessory kit
- Cart

Specifications are subject to change without notice.