

## easyScreen BERAphone®

### The Ultimate Solution for Baby-Friendly Newborn Hearing Screening

#### Features at a Glance

- BERAphone®'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 BERAphone® 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 BERAphone® 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

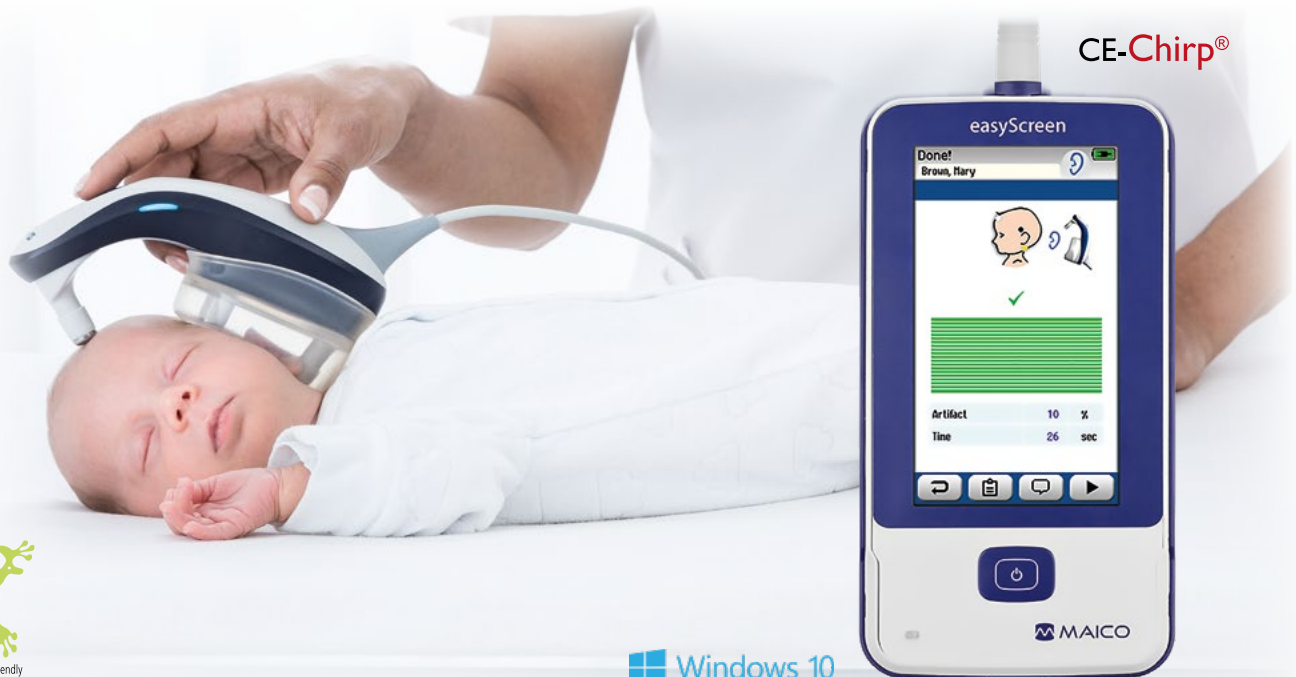
#### Easy on baby, budget and environment... & FAST!

Built on the legacy of the MB 11 BERAphone® but improved based on customer input, the easyScreen BERAphone® 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:

- BERAphone® with unique no disposable ear cushion, with optional TEOAE and/or DPOAE
- Insert phones
- Disposable earCups™ or eartips



child friendly / eco-friendly

 Windows 10

# 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
Dimensions / Weight	3.7 in x 6.7 in x 3.5 in / 10.6 oz

## 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
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## TEOAE

Stimulus type	Click
Level	83 dB <sub>SPL</sub> (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 <sub>SPL</sub> OAE level
Test duration	4 s to 60 s

## DPOAE

Stimulus type	Pairs of pure tones
Level (L1/L2)	65/55 dB <sub>SPL</sub>
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 <sub>SPL</sub> OAE level
Test duration	4 s to 60 s

## STANDARDS

IEC 60645-7 2009 Type 2, IEC 60601-1 Type B and BF, IEC 60601-1-2 According to the class IIa of the EU medical directive 93/42/EEC IEC 60645-6, Type 2, Windows 10 compatible



## 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. Windows® is a registered trademark of Microsoft Corp.



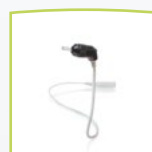
easyScreen device



Cradle



BERAphone®



OAE probe\*



easyTransport cart tablet accessory kit option

**Sanibel Supply**

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ONE YEAR LIMITED WARRANTY: This warranty is extended to the original purchaser of the instrument, by MAICO, through the Distributor from whom it was purchased. The warranty covers defects in material and workmanship for a period of one year from date of invoice of the instrument to the original purchaser. Accessories which are purchased from MAICO at the same time as the instrument are also under warranty for one year from the date of invoice. For additional information contact your MAICO Distributor.