**easyScreen**

The name says it all!

---

### Technical Data easyScreen

#### ABR
- **Stimuli**: CE-Chirp<sup>®</sup>
- **Stimulus rate**: ~ 90 s
- **Test mode**: monaural or binaural
- **Level**: 65 dB SPL
- **Impedance test**: Automatic pre-test
- **Test duration**: 10 s to 180 s
- **Artifact rejection level**: >100 µV
- **Transducer**: IP 30 with earplugs or earcaps™

#### Preamplifier
- **One Channel**: 3 electrode cables (black, yellow and white)
- **Gain**: 72 dB
- **CMRR Ratio**: >115 dB at 100 Hz
- **Dimensions/Weight**: 85 x 50 x 25 mm / 85 g

#### TEOAE
- **Stimulus type**: Click
- **Level**: 83 dB SPL (in-ear calibration)
- **Analysis bands**: 1.4, 2, 2.8 and 4 kHz (center frequencies)
- **Pass criteria**: 3 out of 4 bands, min 6 dB SNR, min -5 dB SPL OAE level
- **Test duration**: 4 s to 60 s
- **Transducer**: OAE Probe (50 or 120 cm cable length)

#### EASYScreen
- **Dimensions/Weight**: 163 x 85 x 21 mm / 265 g
- **Display**: 4.3” color touch screen
- **Languages**: actual in English, German, Spanish, French
- **Storage**: max. 250 patients with 50 tests each
- **PC interface**: micro USB
- **Battery**: Rechargeable Li-ion

#### DPOAE
- **Stimulus type**: Pairs of pure tones
- **Level (L1/L2)**: 65/55 dB SPL
- **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 SPL OAE level
- **Test duration**: 4 s to 60 s
- **Transducer**: OAE Probe (50 or 120 cm cable length)

#### CRRALE
- **Charging**: Wireless (inductive charging)
- **Power supply**: 5 V DC (micro USB)

#### STANDARDS
- IEC 60645-6-2009 Type 2, IEC 60645-7-2009 Type E, IEC 60601-1 Type B and BF, IEC 60601-1-2, according to the class IIa of the EU medical directive 93/42/EEC

---

Intuitive software for easy Data Management

Save time by using easyScreen’s cradle for wireless charging. While in its cradle, the device connects to your PC and is ready for data export. Start the export with a few clicks and store, view and manage patient data directly in the dedicated HearSIM™ software.

HearSIM™ is just as intuitive as easyScreen. Choose to print your test results from your PC or right away from easyScreen on the go. easyScreen – the name says it all!
Our new combined ABR + OAE Newborn Hearing Screener

With our new easyScreen we unite automated ABR, TEOAE and OTOAE screening capabilities in one device for the first time in MAICO history.

easyScreen is designed to lighten your daily workload in all ways possible: it fits right into your pocket, is light-weight and will get you accurate results within seconds.

The resistive 4.3” touchscreen works with medical gloves and allows you to start a test with only 3 clicks.

Newborn Hearing Screening has never been so easy

Perfect for the use in hospitals, easyScreen is fast, easy to handle and comes with on-screen guidance. Even first-time users will achieve the most accurate results with the help of easyScreen. The device reminds you of all important steps before testing and will inform you if anything is interfering with your test conditions to achieve correct results.

The greatest care for the tiniest ears

easyScreen’s OAE probe ensures the babies’ comfort and the best test results: It is light-weight and fits easily into even the smallest ears. We recommend using only Sanibel disposables to guarantee the best fit and optimal results.

Powerful automated ABR for accurate results

easyScreen makes use of our unique CE-Chirp® stimulus and a powerful detection algorithm. Together, they achieve accurate pass and refer results within seconds.

The patented CE-Chirp® stimulates all regions of the cochlea at the same time and thus generates a much larger response – for faster results than a standard click. This leads to very reliable results under normal nursery conditions.