

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!



Technical Data easyScreen

ABR

Stimuli	CE-Chirp®
Stimulus rate	~90 /s
Test mode	monaural or binaural
Level	35 dB nHL
Impedance test	Automatic pre-test
Test duration	10 s to 180 s
Artifact rejection level	100 µV
Transducer	IP30 with eartips or earcups™
Preamplifier	
One Channel	3 electrode cables (black, yellow and white)
Gain	72 dB
CMR Ratio	>110 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)

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)

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

CRADLE

Charging	Wireless (inductive charging)
Power supply	5 V DC (micro USB)
Dimensions /Weight	142 x 140 x 62 mm / 270 g

STANDARDS

IEC 60645-6 2009 Type 2, 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



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easyScreen
The name says it all

Our new combined ABR + OAE Newborn Hearing Screener

With our new easyScreen we unite automated ABR, TEOAE and DPOAE 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.



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.

CE-Chirp® inside

easyScreen
Our first choice for
Newborn Hearing Screening programs

Newborn Hearing Screening has never been so easy

Perfect for the use in hospitals, easyScreen is fast, easy to handle and comes with an 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.



Sanibel
Supply

