

# BABYSCREEN

## NEWBORNS SCREENING DEVICE

TEOAE/DPOAE  
ABR AUTO



COMPUTER  
BASED



STAND-  
ALONE



TOUCH  
SCREEN



EASY  
TO USE

**Babyscreen** is a comprehensive device designed for newborn hearing screening, allowing OAE and ABR tests. Screening tests will be done in a **quick, accurate and automated way**.

With its touch screen and its intuitive user interface, it is easy to carry out the **newborn hearing screening process**. This device is perfectly adapted to an **outpatient** use for doctors and the medical staff working in maternity hospitals.



### A PORTABLE DEVICE

Thanks to the optimum size of the case, it can easily be integrated into maternity hospitals' workflow. Its lithium battery ensures 5 hours of use from each charge. Moreover, its Mini SD card allows to store more than 2000 tests.

Getting started is intuitive thanks to the 3.5" touch screen and an easy navigation through the menus. Its user interface has been specifically developed to optimize tests implementation. The results of measurements are immediately displayed on the screen.



## TECHNICAL CHARACTERISTICS

AUTOMATICS ABR/TEOAE/DPOAE  
PERFORM TESTS ON THE DEVICE

| TYPE OF TEST           | TEOAE   | DPOAE  | AABR  |
|------------------------|---|--|---|
| ACOUSTIQUE STIMULATION | Alternating clicks                                      | Bi-tone Stimulation  | Alternating clicks<br>Chirps  |
| CHARACTERISTICS        | 4 clicks buffer   | 1000, 2000, 3000, 4000, 5000 Hz  | Chirps: from 350 Hz to 7 KHz  |
| SOUND INTENSITY        | 84 dB SPL   | 60 dB SPL  | Clicks and Chirps: 40 dB HL<br>(Clicks: from 0 to 80 dB,<br>Chirps: from 35 to 45 dB) |
| CONTROL MEASURES       | Automated calibration<br>Leak test<br>Clogged duct test |  | EEG activity<br>Impedance test  |
| AIMED DISEASES         | Quick screening of endocochlear hearing loss            |  | Quick screening of retrocochlear hearing loss   |
| RESULTS                | Test pass/refer   |  |   |
| KEY FEATURES           | Clinical result available                               | Connection of 3 or 4 electrodes<br>PREMA AABR (neonatology):<br>integration of gestational age |   |

## SOFTWARE

### FREE SOFTWARE SUPPLIED WITH THE DEVICE

Free download of updates via Internet (novelties, improvements...)

#### USB connection

Compatible with **Windows and Mac**

**Perform** and consult your measurements easily thanks to an **intuitive** interface

**Transfer** the measurements made with the device in stand-alone mode on your computer

**Print** your results or **export** them in PDF format

**Manage** your patient database



Babyscreen Device



Accessories



Consumables



Chargeur  
USB cable  
USB key with software



Carry\_on bag

