

BABYSCREEN

NEWBORNS SCREENING DEVICE



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 be easily 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	Alterning clicks	Bi-tone Stimulation	Alterning clicks 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 (Clicks: from 0 to 80 dB, Chirps: from 35 to 45 dB)
CONTROL MEASURES	Automated calibration Leak test Clogged duct test		EEG activity 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 PREMA AABR (neonatology): integration of gestational age

SOFTWARE

FREE SOFTWARE SUPPLIED WITH THE DEVICE

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

USB connection

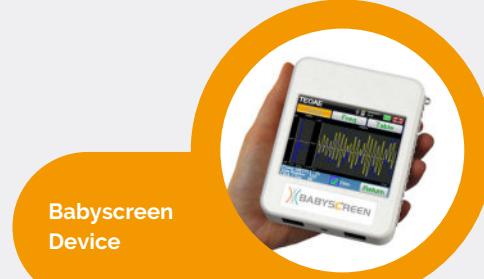
Compatible with **Windows and Mac**

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



Consummables



Chargeur
USB cable
USB key with
software



Carry_on
bag

GMED **CE**
GROUPE LNE
ISO 13485 : 2016
0459

Class: IIa

Manufacturer: Electronique du Mazet

Date of last modification: 01/2023

Read carefully the User Guide

BABYSCREEN ECHO01KP120 • Creation : Echodia •