



**ELECTRONICA  
MEDICAL**  
by Electronica Technologies



## AUDIOMETER 820 M



*Photo with headphones DD65-V2 and  
bone conductor B71W*

**The audiometer 820 M is particularly adapted for the healthcare professionals in the occupational, school and university medicine.  
It can be easily connected to any PC with a USB port.**



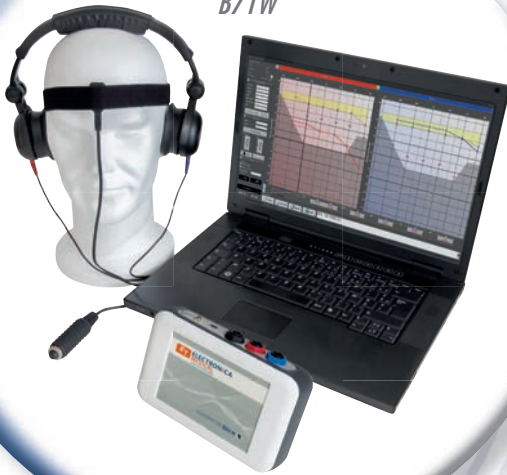
# AUDIOMETER 820 M

The device with Air Conduction and Bone Conduction for a professional excellence. Delivered with **1 patient response hand switch, a bone conductor B71W with headband and headphones from RADIOEAR to choose from : DD45, DD65-V2 or DD45 with "Peltor" audio cups.**



Supplied with an **intuitive and interactive software**, on a USB key, with no limitation of the numbers of installations, nor of the period of validity.

*Photo with headphones DD45 and bone conductor B71W*



- **Export files in XML format**
- **Interfacing with most of the software in the occupational healthcare.**
- **GDT Interface + Form prevention of hearing G 20 : "Lärm I and II"**
- **Creation of data bases with possibility of merging and synchronising**



- **Help for interpreting the audiogram,**
- **Calculation of the hearing losses,**
- **Determination of the hearing thresholds according to the «Hughson-Westlake» method**
- **Integration of a personalised logo and of the signature of the practitioner into the tests report**



Connection headphones to the audiometer : **2 jacks mono in 6.35 mm**



End user manual in pdf and online help : English, German, Italian, French.

**WARRANTY 3 YEARS (EXCEPT FOR THE HEADPHONES) – FRENCH DESIGN AND MANUFACTURING**

## TECHNICAL INFORMATION

- **Type** : 4 – Screening and Control (according to EN 60645-1) Medical Marking EC 0459 - Class IIa
- **Output** : AC - Air Conduction - Headphones DD45, DD65-V2, DD45 with "Peltor" audio cups – on 2 monos jacks in 6.35 mm BC - Bone Conduction – B71W bone conductor with headband, on mono jack in 3.5 mm
- **Frequencies range AC (11 values)** : 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz ( +/- 1%)
- **AC sound level** : from -10 HLdB to 100 HLdB
- **Frequencies range BC (11 values)** : 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz ( +/- 1%)
- **BC sound level** : from -10 HLdB to 60 HLdB
- **Increment of sound level** : 5 dB

- **Power supply** : isolated USB link (mini USB) ensuring the electrical safety (according to EN 60601-1)
- **Stimulus** : continuous or pulsed sound, left, right and binaural
- **AC and BC tests** : Tests : Manual – Automatic / normal and «Hughson Westlake» method / standard, random and personalised scenariis.
- **Masking** : Narrow band noise
- **Calculation of the hearing losses** : IPA – PAM + 3 calculations to create : all of them can be personalised.
- **Minimum computer requirements** : 1 USB port, RAM : 1 Go, CPU : 1 GHz, Free space on hard disk : 50 Mo, Graphic resolution : 1024 x 600
- **Possible operating systems** : Windows 7, Windows 8, Windows 10
- **Total weight** : 1.5 kg all accessories included
- **Packaging** : shock-proof briefcase 350 x 300 x 100 mm

Electronica Medical offers a complete range of devices for screening the hearing losses, which are dedicated to the educational and occupational medicine.