



## 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 and bone conductions for a professional excellence. Delivered with **one patient response hand switch**, a bone conductor B71W with headband and headphones DD65-V2 from Radioear.

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 DD65-V2 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 AND BONE CONDUCTOR) – 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 from Radioear DD65-V2 – 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, 8, 10, 11.
- **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 loss, which are dedicated to the educational and occupational medicine.