

Kuba mikro

New technology – new possibilities
Two methods in one: OAE and ABR
More effective newborn hearing screening

short time of examination

easy to operate

automatic tests

built-in database

*small dimensions
and weight*

battery power supply



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Kuba mikro

is a portable device for fast and effective newborn and infant hearing screening. Both TEOAE (Transient Evoked Otoacoustic Emission) and ABR (Auditory Brainstem Responses) methods are available on the device to provide the best assessment of the auditory system. Compact size, advanced technology and diagnostic reliability make "Kuba mikro" a great step forward in hearing loss assessments.

Device specifications:

- Touch screen, user friendly interface
- Built in patient database
- Wireless interface to external printer

TEOAE:

- Stimulus type: 100 μ s click
- Stimulus intensity: 75 dB SPL
- Repetition: 80/s
- Sweep duration: 12,5 ms
- Averaging: linear
- Artifact rejection: automatic
- Probe check fit: online in the ear
- Test conclusions: automatic
- Test criteria: time domain reproducibility, Signal to Noise Ratio and correlation in three frequency bands

ABR:

- Stimulus type: 100 μ s click
- Stimulus intensity: 70 – 30 dB nHL
- Stimulus polarity: alternating
- Repetition: 11/s-51/s
- Sweep duration: 15ms
- V wave detection: automatic

Dimensions:

- Data conversion module with Pocket-PC: 175x105x72 mm
- Amplifier: 95x60x23 mm
- Weight: 700 gram

Power supply:

- Pocket-PC computer – Li-Ion battery
- 4 NiMH batteries of 1500 mAh capacity
- operation time – 10 hours