

Kamplex r07a - Portable Audiometer

GENERAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

- L x W x H: 24x19x30cm
- Net weight: 600g without battery
- Body material: plastic cabinet

TEST TYPES

- Pure Tone Audiometry, Automatic Audiometry Patient controlled, according to ISO 8235-1 and standard Hughson Westlake procedure (selectable on control panel) Audiometer Class 4 according to EN ISO 60645-1

INPUTS

- Tone
- Warble Tone +/- 5%, 5Hz (true sine wave frequency modulation)

OUTPUTS

- Left and Right
- AC Conduction only

tone presentation

- Manual or Reverse (selected on Setup Menu)
- Pulsed at 0,5,1 or 2Hz - (selected on Setup Menu) or continuous

FREQUENCIES AND INTENSITIES (with DD45)

Frequency (Hz)	Intensity (dB HL)
125	65
250	85
500	100
750	100
1000	100
1500	100
2000	100
3000	100
4000	100
6000	100
8000	85

All the frequencies can be enabled or disabled by the Setup menu except 1000 Hz.

LEVEL STEPS

1,2 or 5 dB (selected on Setup Menu)

DISTORTION

- 0.3% typical
- Below 1% at full intensity

RISE/FALL TIMES

40 msec.

TALK FORWARD

Built-in talk forward microphone 50-110 dB_{SPL} (adjustable on control panel)



STORE FUNCTION

- Dedicated store button that enables input of store measurements into the internal memory (up to 50 patients)
- Stored data can be viewed on the built-in display or transferred to the PC using MDS software

PC INTERFACE

- MDS (Management Data Transfer) by Kamplex with reporting and printing features

POWER

BATTERIES

4 AA size
Automatic battery off switching (battery save mode activated after 1, 2, 5 minutes on non-activity or never).
Battery status indicator on the display header
Protection against test execution with a critical battery level.

EXTERNAL POWER SUPPLY (OPTIONAL)

Dedicated Medical approved power supply
100-240-VAC 50/60Hz, 0.3A (input) +5VDC, 2A (output)

ENVIRONMENTAL

OPERATING ENVIRONMENT

- Storage: -20° C up to +50° C
- Operating: +15° C up to +35° C
- Humidity: up to 90%, (non condensing)

QUALITY SYSTEM

Meets or exceeds EN60645-1 type 4 and ANSI 3.6
Safety standard: EN 60601-1, Class II, type B
EMC: EN 60601-1-2

STANDARD ACCESSORIES

- R07A Audiometer
- HB-7 Audiometric headband with DD45 transducers
- Patient pushbutton
- Carrying Bag
- 200 Audiogram charts
- Blue and Red Pen
- Multilingual CE Operation Manual

OPTIONALS

- IP30 Insert phones
- HB-7 Audiometric headband with TDH39 transducers
- Medical CE approved external power supply
- ADC audiocups noise excluders