

Interacoustics VRA201 Kamplex

Visual Reinforcement Audiometry- Efficient Paediatric Audiometry



VRA201

Visual Reinforcement Audiometry

The VRA201 has been developed for paediatric audiometry.

The VRA201 is an MDF box with a built-in loudspeaker and a toy animal hidden behind a smoke-coloured plexi glass front panel. By means of a push on a button, the toy animal gets illuminated and starts moving/shaking.

Visual Reinforcement Audiometry

VRA (Visual Reinforcement Audiometry) is done by stimulating the playing child from approximately two to six years of age with sound, and its motivation for reacting/participating in the test is awarded by a little »Teddy bear tap dance«. In this

way it is easier to conduct a hearing test. Typically you will find lower thresholds as the child cooperates for a longer time and reacts more times.

There is a built-in loudspeaker in the VRA201, but if needed an external loudspeaker with better specifications can be placed under the VRA box. Typical measurements require minimum two units of VRA201.

Operation

The loudspeaker unit in the VRA201 is connected directly to the loudspeaker output on the audiometer/amplifier while the toy is

controlled manually by means of a response switch. More boxes can be connected serially, as just one animal will move at the time. The speed is regulated by means of a potentiometer on the rear panel.

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General Technical Specifications

Specifications

Dimensions: LxWxH:

28x30x45 cm/11x12x18 inches

Weight: 7.8 kg/17.4 lbs.

Compatible with: AD229-1, AC33-2 and AC40-2 (1-when connected to the external AP12 Amplifier; 2-when connected to the built-in amplifier APD or external AP12).

Included Parts:

Patient Response Button
Power Supply
CE manual
Power Cable
Toy Animal

Standards:

Safety: EN 60601-1
EMC: EN 60601-1-2

Medical CE-Mark:

The CE-mark indicates that Interacoustics AVS meets the requirements of Annex II of the Medical Device Directive 93/42/EEC. Approval of the quality system is made by TÜV - identification no. 0123

Power:

External power supply UPS400

Consumption:

Max 45 W

Construction:

Wooden (MDF) cabinet

Performance

Loudspeaker:

Maximum Intensity:
80dBHL (250 Hz - 6 kHz)
80dB SPL (125 Hz - 8 kHz)
Frequency Response:
125 Hz - 6 kHz +/- 10dB

Sensitivity:

90 dB SPL/1m/1 watt

Impedance:

8Ω

Light:

Four bulbs of 10 W, 12 Vdc

SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS