

Visual Reinforcement Audiometry VRA201

- Efficient Paediatric Audiometry



Audiometry. *precision*

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 co-

operates 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.

Specifications

Dimensions: LxWxH:

28x30x45 cm/11x12x18 inches

Weight: 7.8 kg/17.4 lbs.

Compatible with: AD28¹, AD229¹, AC33² and AC40² (¹ If connected to the external amplifier AP12, ² With built-in amplifier APD or if connected to an external amplifier).

Maximum Intensity:

80 dBHL (250 Hz – 6 kHz)

80 dB SPL (125 Hz – 8 kHz)

Frequency Response:

125 Hz – 6 kHz +/- 10 dB

Sensitivity:

90 dB SPL / 1m/1 watt

Included Parts:

APS2 Response Switch
Power Supply, CE manual,
Power Cable

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