



# Drum

HEARING INSTRUMENT TEST BOX (HIT)

## DESCRIPTION

Drum is a hearing instrument test box (HIT), with a high ambient noise attenuation level. Drum gives you the chance to perform all the tests aimed at hearing aids analysis via air conduction.

## STANDARDS

EN 60118-7/ ANSI S3.22

## AVAILABLE TESTS

- OSPL90
- Full On Gain (FOG)
- I/O
- Attack/Release
- Frequency Response
- Equivalent Input Noise
- THD
- Battery Drain
- Telecoil

## AVAILABLE OUTPUTS

Loudspeaker or Telecoil

## AVAILABLE STIMULI

Pure tone or sweep

## HIT: FREQUENCY, INTENSITY AND MEASUREMENTS

Frequency range: 125 Hz – 12 kHz

Frequency resolution: 1/12, 1/24 per octave

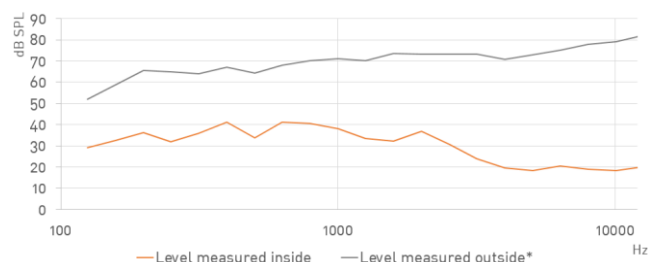
Intensity range: 40 – 100 dB SPL

Coupler intensity range: 40 – 145 dB

Reference microphone measurement: Omni-Directional

Telecoil stimulation range: 10-100 mA/m

## ATTENUATION FEATURES



\* WN @ 90 dB RMS

1kHz attenuation: 33dB SPL

## INTERNAL CHAMBER

Egg-shaped (Minimum sound reflection)

Internal dimensions: 15x25x13cm

H.A. position: Floating, on acoustically-transparent material, in front of the loudspeaker

Loudspeaker features: 3", full range

Drum is developed by Inventis s.r.l.

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The Inventis Quality System complies with ISO 9001 and ISO 13485 standards.

## AVAILABLE COUPLERS

2cc coupler for hearing aids:

- ITE
- RIC
- BTE

## BATTERY SIMULATORS

Standard 5A, 10A, 312, 13, 675

## MONITORING

Operator interface for coupler monitoring

## CALIBRATION

Validity: 12 months

## COMPUTER INTERFACE

USB connection (driverless)

Compatible software: Inventis Maestro (Noah compatible)

## PC MINIMUM REQUIREMENTS

Processor: Intel® i3 or above

Display: 1280x1024

Operative system: Windows 7 or above, 32 or 64 bits

## POWER SUPPLY

Power supply: 15V, 2A cont., through an external medical grade 100-240 Vac 50/60 Hz power supply

## MECHANICS

Size (WxDxH): 32 x 33 x 22 cm / 12.6 x 13 x 8,7 in

Weight: 7.5 kg / 16.5 lbs

## APPLICABLE STANDARDS

HIT: EN 60118-7 / ANSI S3.22

Electrical safety: EN 61010-1

EMC: EN 61326-1

## CE CERTIFICATE

93/42/EEC classification: Class I

Classification rule (Annex IX, 93/42/EEC): 12

## INCLUDED PARTS

- Reference microphone
- Coupler microphone
- 2cc cavity
- Couplers for ITE, BTE, RIC
- Putty for h.a. adapter
- BTE coupler tubes
- Clips for BTE h.a. positioning
- Coupler foam support
- Battery simulator
- Inventis Software Suite
- User manual
- Medical power supply
- USB cable