



#### 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**

IEC 60118-7/ ANSI S3.22

#### **AVAILABLE MEASUREMENT MODALITIES**

Single-curve or multi-curves Standard or custom measurements

#### **AVAILABLE TESTS**

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

## **AVAILABLE OUTPUTS**

Loudspeaker or Telecoil

## **AVAILABLE STIMULI**

Pure tone, sweep or broadband stimuli

## **HIT: FREQUENCY, INTENSITY AND MEASUREMENTS**

Frequency range: 125 Hz – 10 kHz (HIT),

125 Hz - 12 kHz (RECD with REM module)

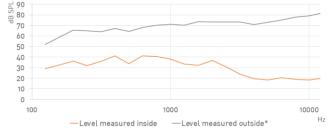
Frequency resolution: 1/3, 1/6, 1/12, 1/24 per octave

Intensity range: 40 – 100 dB SPL Coupler intensity range: 40 – 145 dB

 $Reference\ microphone\ measurement: \ \underline{Omni-Directional}$ 

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. info@inventis.it www.inventis.it

## **AVAILABLE COUPLERS**

2cc coupler for hearing aids with ITE, RIC and BTE adapters

#### **BATTERY SIMULATORS**

Standard 10A, 13, 312, 675

#### **MONITORING**

Operator interface for coupler monitoring

### **CALIBRATION**

Validity: 12 months

#### **COMPUTER INTERFACE**

USB connection (driverless)

Compatible software: Inventis Maestro (Noah compatible)

#### **MINIMUM SYSTEM REQUIREMENTS**

Refer to Maestro software technical specifications for indications about the minimum system requirements

#### **POWER SUPPLY**

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

#### MECHANICS

Size (WxDxH):  $31.5 \times 32.5 \times 22 \text{ cm} / 12.4 \times 12.8 \times 8.7 \text{ in}$ 

Weight: 7.5 kg / 16.5 lbs

## **APPLICABLE STANDARDS**

IP Classification: IP20 HIT: IEC 60118-7 / ANSI S3.22

Electrical safety: IEC 61010-1 EMC: IEC 61326-1

## MDR CLASSIFICATION

MDR (EU) 2017/745 classification: Class I without a measuring

function

Classification rule (Annex VIII, MDR (EU) 2017/745): 13

# PRODUCT CODES

11239: Drum - Hearing Instrument Test box

## **INCLUDED PARTS**

- Main unit
- 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 simulators
- Inventis Software Suite
- User manual
- Medical power supply
- USB cable