Science **made** smarter

Technical Specifications

AS608

Interacoustics

Included and Optional Parts

Included parts	DD45 Audiometric headset P3045[1] Battery Alkaline 1,5V 3x Instructions for use - Manual AS608e Diagnostic Suite + OtoAccess® + USB cable APS3 Patient Signal Button
Optional parts	DD65v2 Audiometric Headset[1] DD45 Audiometric Headset P3100[1] DD45AA Audiometric Headset[1] TDH39 Audiometric Headset HBA[1] TDH39 Audiometric Headset P3045 [1] TDH39 Audiometric Headset P3100 [1] TDH39AA Audiometric Headset [1] IP 30 Insert Phones[1] Accessory kit Pen set/Audiogram UES18LCPU -050200SPA. External Power Supply Medical CE-Approved APS3 Patient Signal Button [1] Carrying Bag (TC608)

---

[1] Applied part according to IEC 60601-1

General Technical Specifications

Standards:

Meets or exceeds EN 60645-1 type 4 and ANSI S3.6
Safety Standard: EN 60601-1, Class II, type B.
EMC: EN 60601-1-2

Calibration:

PTB/DTU report 2009 (DD45)
ISO 389-1 1998, ANSI S3.6-2010 (TDH39)
PTB 1.61-4091606 2018 & AAU 2018 (DD65v2)

Medical CE-mark:

The CE-mark indicates that Interacoustics A/S meets the requirements of Annex II of the Medical Device Directive 93/42/EEC. TÜV Product Service, Identification No. 0123, has approved the quality system.

Frequencies and Intensities:

Freq. Hz.	AC, dB HL
125	70
250	90
500	100
750	100
1000	100
1500	100
2000	100
3000	100
4000	100
6000	100
8000	90

Inputs: Tone
Warble Tone ±5%, 5Hz (true sine wave frequency modulation).

Outputs: Left and Right.

Tone Presentation:

Manual or Reverse (chosen in Setup Menu).
Multiple pulses 250 or 500msec (chosen in Setup Menu.).

Talk Forward: Built in talk forward microphone. 0-110dB SPL. Continuously adjustable on operation panel.

Auto Threshold: Patient controlled Hughson Westlake procedure according to ISO 8253-1.

Store Function: Soft key (F-key) store button and internal memory for AC L/R. Stored Measurements can be viewed on the build in display or transferred to the PC using the Diagnostic Suite Audiogram software module.

PC Software / Interface: The Diagnostic Suite PC software with advanced reporting and printing features. OtoAccess™ and Noah compatible.

Distortion:

0,3% typical at full intensity.

1% maximum at full intensity.

Rise/fall Times:

35 msec. typically.

Display Header Indicators:

Tone On.

Patient Response.

Power/Battery Status

Batteries:

3 AA size.

Automatic battery on/off switching.

Automatic battery status indication.

Battery life:

Standby: 6 months

Tone presentations: 70.000

External Power Supply (though USB connector):

Accepts 5 VDC – minimum 150 mA

The recommended UES18LCPU -050200SPA (5 Volt, 2 A) is approved with the AS608/AS608e.

UES18LCPU -050220SPA: Input 100-240VAC 50/60 Hz, 500 mA, Output 5.0 V 2.0 A. (Class II)

Construction:

Plastic cabinet.

Dimensions:

WxDxH: 22.5 x 18 x 5.5 cm / 8,9 x 7.1 x 2,2 inches

Weight: 1.0 kg – including batteries and headset.

1.6 kg – including TC608 carrying bag incl. Peltor noise reducing headset, audiogram charts etc.

Operating Environment:

Temperature: 15-35°C/59-95°F.

Relative Humidity: 30-90 %.

Storage Environment:

Temperature: 0-50°C/32-122°F.

Relative Humidity: 10-95 %.

Transport Environment:

Temperature: -20-50°C/-4-122°F.

Relative Humidity: 10-95 %.

Computer requirements:

Must comply with IEC 60950-1.

Equipped with a USB connection.