

**Technical Specifications**  
**AS608**  
**Screening Audiometer**

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## 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:

ISO 389-1 (DD65)  
 ISO 389-2 (EAR-Tone 3A and 5A)  
 PTB Report 1.61-64/04 (HDA280).  
 PTB Report 1.61-4039503/09 (DD65)

### 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  $\pm 5\%$ , 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 ASA30M-0301 (100-240 VAC, 0.8 – 0.4 Amp) is approved with the AS608/AS608e.

**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.

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## Included and Optional Parts

### Included Parts:

- DD65 Audiometric Headset
- 200 AF12 Audiogram Charts
- TC608 Carrying Bag
- Pen set, 3 pens
- Operation Manual
- Multilingual CE operation instructions
- CD Diagnostic Suite (only AS608e)

### Additional Parts:

- ASA30M-0301 External Power Supply Medical CE Approved
- APS3 Patient Signal Button
- 21925 Audiocup Noise Excluders
- 50250 Peltor Noise Excluders