

## Manual Audiometer AS208

- Efficient Hearing Examinations



### Features

- Fully Portable
- Inexpensive
- Robust construction
- Conforms to EN 60645-1
- Medical CE-approved
- 11 frequencies 125Hz - 8kHz
- -10dB to 100dBHL output
- Pure tone, Warble tone, Pulsed tone
- Silent stimulus
- Switch Response button (optional)
- Uses standard AA batteries
- Low power consumption
- Battery status indicator
- Ext. power supply (optional)
- Carrying bag available
- Noise reducing headset available

### Applications

The AS208 satisfies all the requirements for an inexpensive portable manual audiometer suitable for quick hearing evaluation in schools, industry and other institutions. Operation is extremely simple and may be carried out by an audiotically unskilled person after a short instruction period. Light weight and robust construction employing extremely durable controls makes the AS208 an ideal instrument for those who need a reliable manual audiometer for peripatetic work.

### Portability

The AS208 is fully portable and can easily be carried in a briefcase or similar bag. A special lightweight carrying bag with a shoulder strap, the TC208, is available. This will house the audiometer with a noise excluding headset and audiogram charts etc. The weight of the AS208 in the TC208 carrying bag with all its accessories is less than 2.0 kg. The AS208 may be run on standard AA batteries or using an external power supply like the medical CE-approved EPS11.



# General Technical Specifications

## Standards:

Meets or exceeds EN 60645 -1 Type 4 and ANSI S3.6. Type 4.

Safety Standard: EN 60601-1.

## Medical CE-mark:

Interacoustics A/S meets the requirements of the Annex VI of the Medical Device Directive 93/42/EEC. Approval is made by TÜV – identification no. 0123.

Audiometer Type: 4.

Calibration: ISO 389 –1.

## Frequencies and Maximum Hearing Levels:

Hz	AC dB HL
125	70
250	90
500	100
750	100
1.000	100
1.500	100
2.000	100
3.000	100
4.000	100
6.000	100
8.000	90

## Input:

Tone.

Warble Tone  $\pm 5\%$ , 5Hz (true sine wave frequency modulation).

## Outputs:

Left and Right.

## Tone Presentation:

Manual.

Reverse (Internal set-up).

Pulse (250 or 500 msec.).

## Distortion:

0.3% typical at full intensity.

1% maximum at full intensity.

## Rise/fall time:

35msec typical.

## Front Panel Indicators:

Tone On.

Patient Response.

Battery Status.

## Batteries:

6 AA size.

Battery Life: Stand by: 6 months.

Tone presentations: 70.000.

Automatic battery on/off switching.

Automatic battery status indication.

## External Power Supply:

Accepts 9 - 12 Volts DC - minimum 150mA.

The recommended EPS11 (100/115/230 VAC) is approved with the Medical CE-mark.

**Construction:** Plastic cabinet.

**Dimensions:** (W x D x H) 22.5 x 17.5 x 8.2 cm / 57 x 7 x 3 inches.

## Weight:

1.3kg - AS208 incl. batteries and headset.

1.9kg - AS208 in TC208 carrying bag incl. Peltor noise reducing headset, audiogram charts etc.

0.8kg - External power supply EPS11.

## Air freight packing:

1 case: 32 x 26 x 32 cm.

Gross Weight: 3.8 kg / 8.5 lbs.

## Included Parts:

TDH39 Audiometric Headset.

(Peltor noise reducing headset may be supplied).

AF12 Audiogram charts.

Set of 3 pens.

Operation Manual.

Service Manual.

Multilingual CE instructions for use.

## Optional Parts:

EPS11 External Power Supply.

21925 Audiocups Noise Excluders.

Peltor Noise Excluders (may be supplied at no extra cost as an alternative to standard approved

Telephonics Headband TC89E).

APS2 Patient Signal Button.

The lightweight carrying bag TC208 will hold the AS208 as well as a noise reducing headset and audiogram charts etc.



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