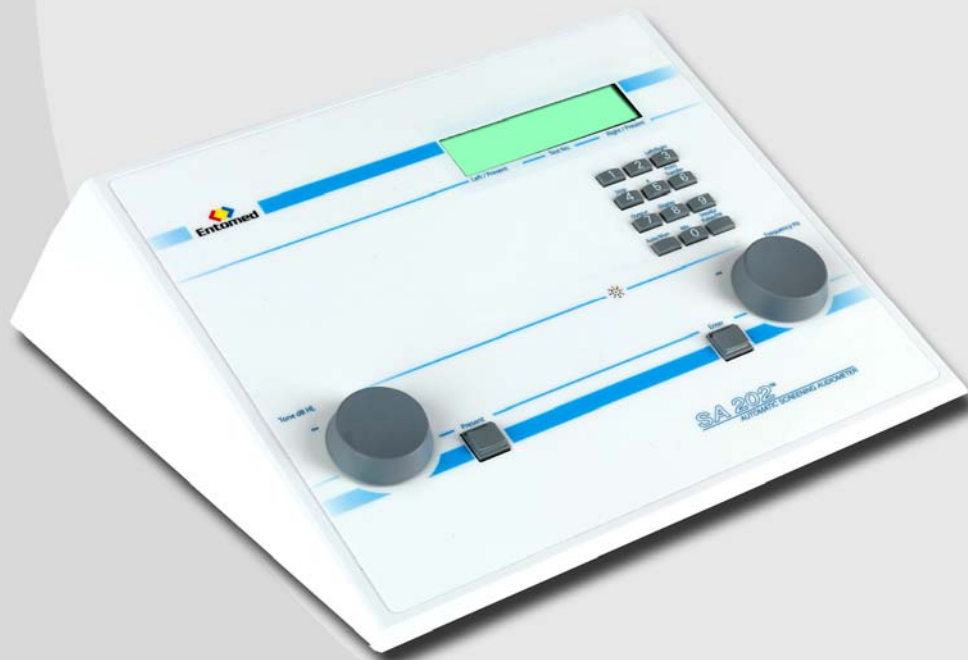


# **SA 202™**

## **SCREENING AUDIOMETER**



SA 202 is a manual / automatic, two channel, pure tone air conduction, screening audiometer with full frequency and output range. If required the instrument can be operated manually. SA 202 is digital and RoHS compatible and thus, well adapted to the modern user and environmental concerns. SA 202 is user friendly, robust, reliable and yet affordable.

SA 202 stores up to 50 audiograms, object identification and date. This information can either be printed out or transferred to a computer. Choose one, two, or all three of the audiometric earphones to get easy-to-use equipment designed for frequent examinations outside practice.

### Function

SA 202 is a manual / **automatic** pure tone screening audiometer. The SA 202 has a set-up menu, which allows the audiometer to be programmed according to individual needs. 50 audiograms together with date, time and personal identification can be stored in the internal memory. Each audiogram can be displayed, transferred to a computer or an external printer on a later occasion. It has a built-in talk forward microphone for easier communication with the test subject. SA 202 may be calibrated to TDH-39 earphones, Sennheiser HDA200 earphones and EARTone 5A insert earphones.

### Signal format

Continuous steady when bar is pressed  
Single pulse (1.3 sec duration)  
Pulsing (2.5 pulse/sec)  
Frequency modulation ( $\pm 5\%$ )

### Special Capabilities

Built-in talk forward microphone with volume control  
Internal memory - stores up to 50 complete audiograms in non-volatile memory  
Printing possibilities to any PCL 5 Printer when using SA 05 Printer Interface kit (optional accessory)  
RS 232 interface

### Dimensions

Width\* Height\* Depth: 376\* 73\* 264 (mm)  
Weight: 1,5 kg  
Power supply: 110 V - 240 V, 50 - 60 Hz

### Frequency Range

Maximum Levels  
Manual and Automatic mode

Hz	Minimum is -10 dB
125	80 dB
250	100 dB
500	110 dB
750	110 dB
1000	110 dB
1500	110 dB
2000	110 dB
3000	110 dB
4000	110 dB
6000	110 dB
8000	100 dB

Air Conduction

Accuracy  $\pm 1\%$

Total Harmonic Distortion  
< 2 % earphones

### Ordering Information

EN 104020 - SA 202 screening audiometer

### Accessories supplied

EN 200170 - TDH-39  
EN 560128 - External medical grade power supply  
EN 550xxx - Mains cord as specified in order (Country specific)  
EN 200060 - Subject response switch  
EN 970026 - User manual in english

### Optional Accessories

EN 200170 - TDH-39  
EN 100360 - EARTone 5A  
EN 370166 - Sennheiser HDA 200  
EN 200900 - SA 05 Printer Interface kit  
EN 200235 - RS 232 computer cable  
EN 101181 - Audimax software for PC  
EN 500184 - Hard case  
EN 500191 - Soft case

### Standards

The SA 202 is an **automatic**/manual IEC 60645 Type 4 pure tone, air conduction screening audiometer and meets or exceeds the following standards: IEC 60645-1; ISO 389-1; ISO 389-2; ISO 8253-1; IEC 60601-1 Medical Electrical Equipment Requirements for Safety and Performance  
IEC 60601-1-2 Medical Electrical Equipment Requirements for EMC Compatibility

*Specifications are subject to change without notice.*



The SA 20X-IV generation of the Entomed audiometers is digital and RoHS compatible and thus, well adapted to the modern user and environmental concerns. All products in the SA 20X-series are user friendly, robust, reliable and yet affordable. Entomed SA20X-Series covers user needs from basic screening capabilities to advanced diagnostic functionalities required by audiologists dispensing hearing aids.

SA 201™ - Screening Audiometer  
SA 202™ - Screening Audiometer  
SA 203™ - Diagnostic Audiometer  
SA 204™ - Diagnostic Audiometer

The SA 20X-IV series is replacing the previous platform SA 20X-II also sold under the brand names GSI 66, GSI 67 and GSI 68.

For further inquiries do please visit Entomed website or contact your local dealer.




Manufactured by:  
Entomed AB

TecDoc 144 Rev 5



Entomed Audiometric systems, SA 20X line, comply with the European RoHS-Directive 2002/95/EC when choosing Sennheiser HDA200 and/or E-A-RTONE 5A

  
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