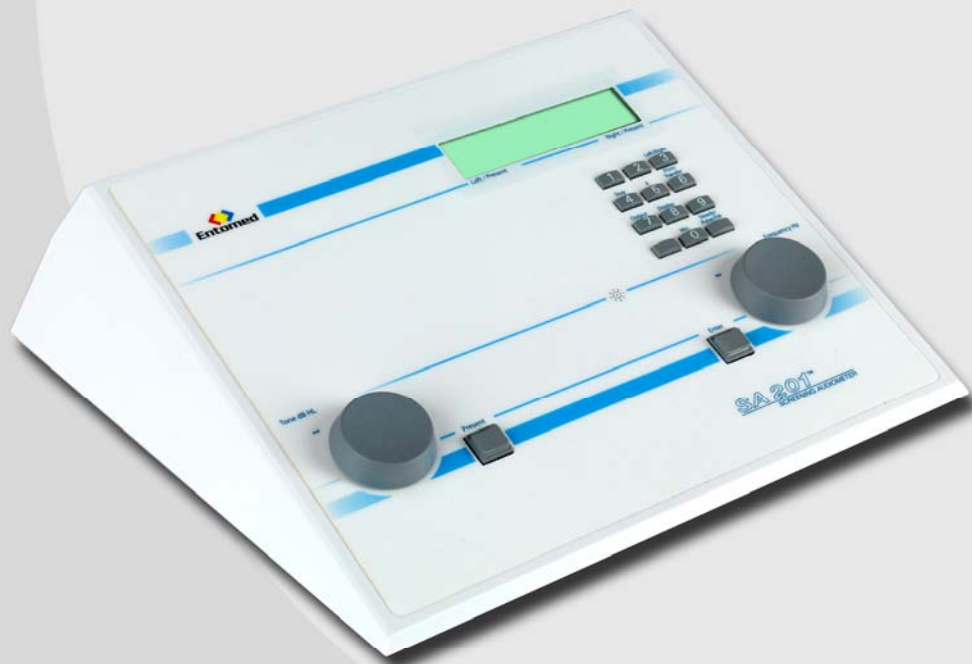




# SA 201™

## SCREENING AUDIOMETER



SA 201 is a basic manual, true two-channel, pure-tone, air conduction screening audiometer with full frequency and output range. Its patented digital design and RoHS compatibility makes it well adapted to the modern, environmentally aware user. SA 201 is user friendly, robust, reliable and yet its light-weight design makes it ideal for frequent field use. Built-in talk forward microphone for convenient communication.

SA 201 allows storage of the last audiogram for after-test evaluation. Calibrates to a range of selected audiometric air conduction earphones.

SA 201 is ideal for screening and hearing threshold determination, designed for frequent practise and portable field use.

### Function

SA 201 is a basic manual pure-tone screening audiometer. It has a set-up menu, which allows the audiometer to be programmed according to individual needs. The test results can be viewed on the display by scrolling through the frequency range. For each frequency the corresponding threshold level is shown on the display. Built-in talk forward microphone for convenient communication with the test subject. SA 201 calibrates to TDH-39, DD45, HDA 200 earphones and ER-5A insert earphones.

### Signal Format

Single pulse (1.3 sec duration)  
Continuous pure-tone, when maintaining button active  
Pulsing (2.5 pulse/sec)  
Frequency modulation ( $\pm 5\%$ )

### Special Capabilities

Built-in talk forward microphone with volume control  
Storage of last audiogram for after-test evaluation

### Dimensions

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

### Frequency Range

Hz	Maximum Levels 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 104014 - SA 201 w DD45 supra-aural phones  
EN 104011 - SA 201 w HDA 200 circumaural phones  
EN 104012 - SA 201 w ER-5A insert phones  
EN 104010 - SA 201 w TDH-39 supra-aural phones

### Standard Accessories Included

EN 200060 - Subject response switch  
EN 200085 - Audiogram pad, size A4  
EN 560128 - External medical grade power supply  
EN 550xxx - Mains cord, country specific - specify in order  
EN 970xxx - User manual, English/Spanish - specify in order

### Optional Accessories

EN 200190 - DD45 - supra-aural  
EN 370166 - Sennheiser HDA 200 - circumaural  
EN 100360 - EARTone 5A - insert  
EN 200170 - TDH-39 - supra-aural  
EN 500184 - Hard carrying case  
EN 500185 - Soft carrying case

### Standards

The SA 201 is a manual IEC 60645-1 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 Entomed SA 20X-IV generation audiometers are based upon a patented digital design. The RoHS compatibility makes them well adapted to the modern, environmentally aware user. All products in the SA 20X-series are user friendly, robust, reliable and yet of a light-weight design ideal for frequent field use. The Entomed SA 20X-series covers user needs from basic screening capabilities to advanced diagnostic clinical needs 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 generation is replacing the previous SA 20X-II platform, also sold under the GSI 66, GSI 67 and GSI 68 brand names.

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




Manufactured by:  
Entomed AB  
Malmö, Sweden

TecDoc143 Rev 9.



Entomed SA 20X-IV generation audiometric systems complies with the European RoHS-Directive 2002/95/EC when choosing DD45, HDA 200 and/or ER-5A

  
**Entomed**  
Bariungatan 29  
SE-213 64 Malmö, Sweden  
Tel: +46 40 21 00 90  
Fax: +46 40 21 00 99  
E-mail: mailbox@entomed.se  
Web: www.entomed.se