

# Entomed



# SA 202<sup>TM</sup>

## SCREENING AUDIOMETER

## Datasheet

SA 202 is a manual / automatic, 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 and environmentally aware user. SA 202 is user friendly, robust and reliable; yet its light-weight design makes it ideal for frequent field use.

It has a set-up menu, which allows the audiometer to be programmed according to individual needs. SA 202 stores up to 50 audiograms, with a date, time and personal identification, allowing for hard copy prints and/or transfer to a computer at any time. Built-in talk forward microphone for convenient communication with the test subject. The audiometer calibrates to TDH39/DD45/DD65v2 earphones and ER-5A insert earphones. SA 202 is ideal for screening and hearing threshold determination, designed for frequent practice and portable field use.

**Auditdata**

## Special capabilities

- Built-in talk forward microphone with volume control
- Internal memory - stores up to 50 complete audiograms in non-volatile memory
- Hard copy print-outs to any PCL 5 printer, via optional SA 07 printer interface cable
- Computer interface, via optional RS 232 computer cable

<b>Signal format</b>	Single pure tone pulse	1.3 sec duration
	Continuous pure tone	when maintaining button active
	Pulsing	2.5 pulse/sec
	Frequency modulation	± 5 %
<b>Dimensions</b>	Width x height x depth	376 x 73 x 264 (mm)
	Weight	1.5 kg
	Power supply	110 V - 240 V, 50 - 60 Hz
<b>Headsets</b>	EN 200190 - DD45	supra-aural
	EN 100360 - ER-5A	insert
	EN 200170 - TDH-39	supra-aural
	EN 200210 - DD65v2	circum-aural
<b>Standard accessories</b>	EN 200060	Subject response switch
	EN 560128	External medical grade power supply
	EN 550xxx	Mains cord, country specific - specify in order
	EN 500191	Soft carrying case
<b>Optional accessories</b>	EN 370180	Audiocups noise attention headset
	EN 200907	SA 07 Printer interface cable
	EN 200235	RS 232 computer cable
	EN 200236	USB/RS232 adapter
	EN 101181	Audimax II+ software for PC
<b>Ordering information</b>	EN 100212	Entomed SA202 screening audiometer, English
	EN 100222	Entomed SA202 screening audiometer, Spanish
	EN 100232	Entomed SA202 screening audiometer, Russian
<b>Frequency range</b> Maximum Levels; manual and automatic mode Accuracy ± 1 % Total Harmonic Distortion < 2 % earphones	125 Hz	80 dB (air conduction)
	250 Hz	100 dB (air conduction)
	500 Hz - 6000 Hz	110 dB (air conduction)
	8000 Hz	100 dB (air conduction)
<b>Standards</b> The SA 202 is a manual/automatic IEC 60645-1 Type 4 pure tone, air conduction screening audiometer and meets or exceeds the following standards:	IEC 60645-1:2017	Pure tone and Speech audiometry
	IEC 60601-1/A1:2012	Medical, General Safety Requirements
	IEC 60601-1-2:2014	Medical, Electromagnetic Compatibility

\* Specifications are subject to change without notice.



# Entomed

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**ROHS**  
COMPLIANT

Entomed SA 20X-IV generation audiometric systems complies with the European RoHSDirective 2002/95/EC

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.