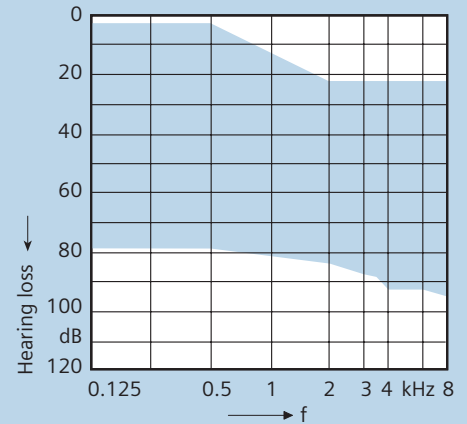


Technical Data

ARTIS™ 2 S VC BTE

Premium Features

- Fully digital and programmable 12-channel BTE instrument
- e2e wireless™ and DataLearning™ technology
- For mild to moderate hearing loss
- Optimized solution for binaural fitting because of synchronized programs, volume and signal processing
- High performance, automatic and adaptive multichannel directional microphone
- Automatic adaptive feedback cancellation
- Automatic situation detection with music detection
- Adaptive noise reduction and speech enhancement in 12 channels
- eWindScreen™, wind noise reduction system
- 4 individual listening programs (only with ePocket) for microphone, audio shoe, and/or telecoil



Additional Features

- AutoPhone™ switchless telecoil
- Audio input
- Volume control
- Battery compartment with lock and ON/OFF switch
- Size 13 battery
- Alerting tones for low battery voltage
- Nanocoated housing

Options and Accessories

- Available in the following colors: beige, brown, grey, granite, silver, black, pearl white, light pink, light blue, and translucent fun colors: purple, green, blue, orange and pink
- ePocket™ remote control
- Audio shoe
- Small earhook

Technical Data

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ARTIS 2 S VC BTE Technical Data

		2cc coupler Standard ANSI S3.22-2003	
		Standard Earhook	LifeTube
Output Sound Pressure Level	Peak	123 dB	123 dB
	HF-Average OSPL 90	122 dB	114 dB
Gain (Input 50 dB)	Peak	55 dB	55 dB
	HF-Average	52 dB	43 dB
	Reference test gain	45 dB	37 dB
Frequency Range	Low frequency limit	<100 Hz	<100 Hz
	High frequency limit	6100 Hz	6700 Hz
Total Harmonic Distortion	500 Hz	4%	4%
	800 Hz	3%	3%
	1600 Hz	1%	1%
Equivalent Input Noise		18 dB	18 dB
Induction Coil Sensitivity	HF-Average SPLITS* (left/right)	108/105 dB	99/96 dB
	STS** (left/right)	3/0 dB	2/-1 dB
AGC-O (CK = -21 dB)	Attack time	4 ms	4 ms
	Release time	100 ms	100 ms
Battery	Type	13 cell zinc-air	13 cell zinc-air
	Current Drain	1.2 mA	1.2 mA
	Typical Life	190 h	190 h

Technical information for e2e wireless function:

Operating frequencies: $f_{\text{low}} = 115 \text{ kHz}$, $f_{\text{high}} = 120 \text{ kHz}$;

Rated H-field strength (maximum): $-11,5 \mu\text{A/m}$ at 3 meters.

*SPLITS = Coupler SPL for an Inductive Telephone Simulator

**STS = Simulated Telephone Sensitivity

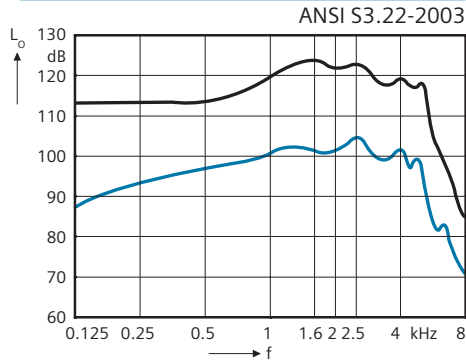
Measure instructions: Instrument in linear setting. Input signal: Sinus Burst; Frequency: 2500 Hz; Low Level: 33 dB; High Level: 60 dB; Interval: 250 ms; On; Time: 125 ms.

Measured with LifeTube

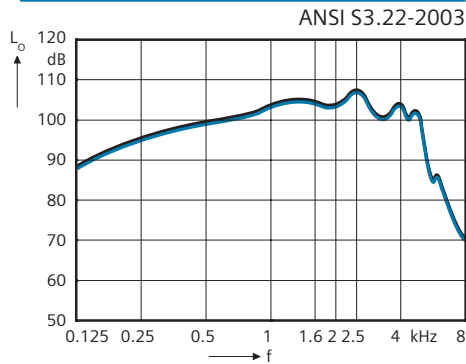
ARTIS 2 S VC BTE Basic Data

Basic Data w/Standard Earhook

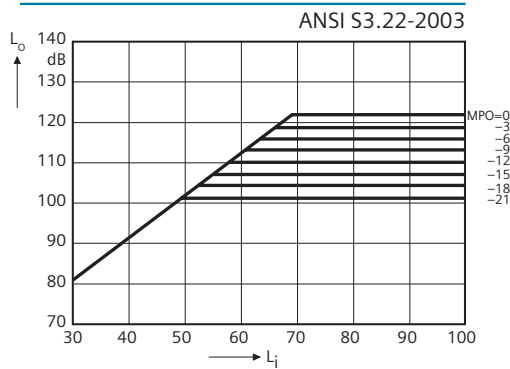
Output Sound Pressure Level ($L_i = 90$ dB)
 Maximum Gain ($L_i = 50$ dB)



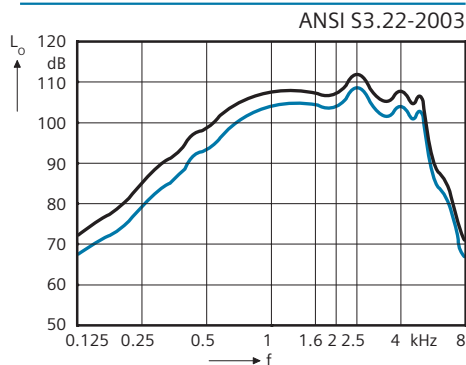
Frequency Response ($L_i = 60$ dB)
 Basic Frequency Response ($L_i = 60$ dB)



Effect of MPO (FOG, $f = 2$ kHz)

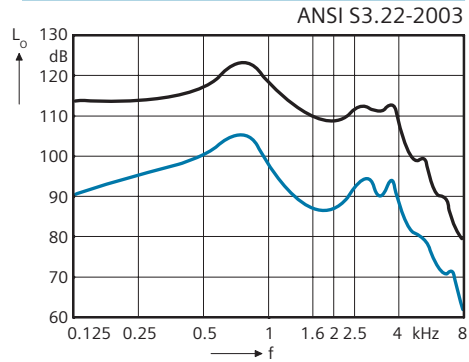


Inductive Response Left ($H = 31.6$ mA/m)
 Inductive Response Right ($H = 31.6$ mA/m)

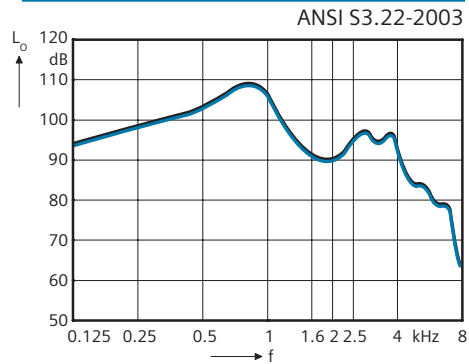


Basic Data with LifeTube™

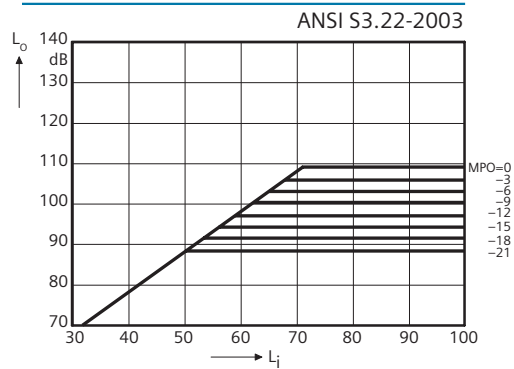
Output Sound Pressure Level ($L_i = 90$ dB)
 Maximum Gain ($L_i = 50$ dB)



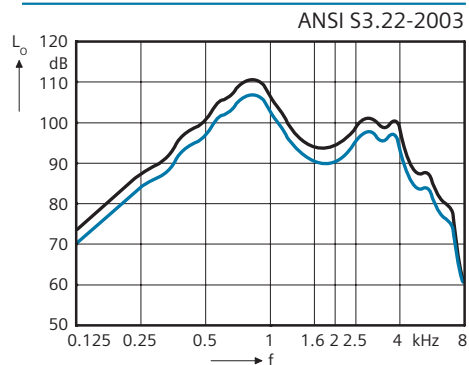
Frequency Response ($L_i = 60$ dB)
 Basic Frequency Response ($L_i = 60$ dB)




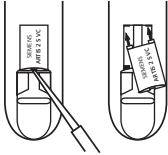




Effect of MPO (FOG, $f = 2$ kHz)



Inductive Response Left ($H = 31.6$ mA/m)
 Inductive Response Right ($H = 31.6$ mA/m)



ARTIS 2 S VC BTE Fitting Information

	<p><u>Programming Socket</u></p> <p>The programming socket lies under a flap below the volume control. Use a suitable tool to open the flap. After the programming procedure is complete, close the flap using your fingernail.</p>
	<p><u>Changing the Typeplates</u></p> <p>To mark the left and right side of the ARTIS 2 S VC instruments when fitting binaurally, exchange the housing colored typeplates on the inner curve of the instruments for blue (left) and red (right). Use a suitable tool to lift and remove the typeplate. Lock the two pins on the new typeplate into the openings and press gently into position with your finger.</p>
	<p><u>ePocket™</u></p> <p>The ARTIS 2 hearing system supports the use of ePocket™, a bi-directional remote control with read out function.</p> <p>ePocket can change the hearing programs and the volume of ARTIS 2. The ePocket read out function will display the current program, volume level and battery status of the instrument(s).</p> <p>ePocket includes a cover and clip.</p>
	<p><u>Audio Shoe</u></p> <p>To attach an audio shoe to ARTIS 2 S VC, open the battery compartment to the first stop. Open the flap under the programming socket and hook the audio shoe in from the front. Press the audio shoe into place so that it attaches to the back and the curve of the audio shoe presses against the bottom of the hearing instrument.</p> <p>To remove the audio shoe, pull it toward the front. Then unhook the audio shoe and close the flap.</p>
	<p><u>Earhook, small</u></p> <p>For optimal fitting to smaller ears, a small earhook is an available option.</p>
	<p><u>Pediatric Accessories</u></p> <p>A Use and Care kit containing items to care for hearing instruments (blower, stethoscope, drying kit, and more) and a teddy bear wearing hearing instruments packed into a colorful lunchbox; storybooks for children about hearing loss, and other materials are available to support pediatric fittings. For more information or to order pediatric materials, contact your Siemens Sales Representative.</p>

Siemens Hearing Instruments, Inc. locations

United States Headquarters/Northeast Manufacturing Facility:

10 Constitution Avenue, P.O. Box 1397, Piscataway, NJ 08855-1397 • (732) 562-6600 or (800) 766-4500

Midwest Sales Facility: (847) 808-1200 or (800) 333-9083

West Manufacturing Facility: (562) 404-4531 or (800) 998-9787

Technical Support for Software and Systems: (888) 231-1333

www.usa.siemens.com/hearing

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