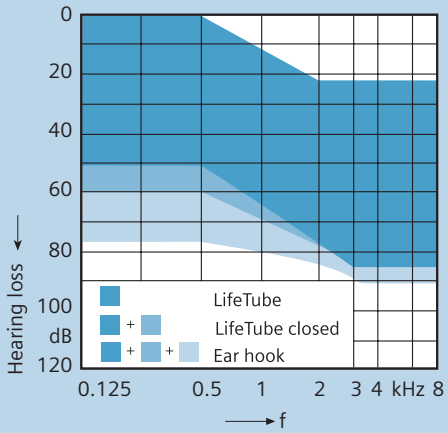
Technical Data

CIELO™ 2 BTE

Premium Features

- Programmable BTE instruments with optional ePocket™
- For mild to moderate hearing losses
- Data logging
- High performance, automatic and adaptive directional microphone
- Automatic and adaptive feedback cancellation
- Automatic situation detection including music detection
- Adaptive noise reduction and speech enhancement in 6 channels
- Wind noise reduction
- 4 individual hearing programs (only with ePocket™) for microphone, audio shoe and/or telecoil



Additional Features

- Alerting tones for low battery
- AutoPhone™ switchless telecoil
- Audio Input
- Volume control
- Battery compartment with lock and On/Off switch
- Battery type 13
- Nanocoated housing

Options & Accessories

- Available in the following colors: beige, brown, grey, granite, silver, black, pearl white, light pink, light blue, transparent and translucent fun colors: purple, green, blue, orange, and pink
- Small earhook
- Audio shoe
- Materials and accessories to support pediatric fittings

CIELO 2 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
Inductive Coil Sensitivity		
HFA 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

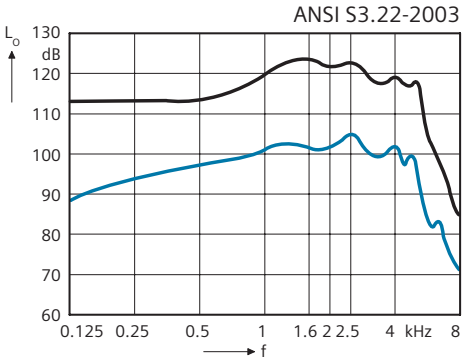
Technical information for wireless function:
Operating frequencies: f_{low} = 115 kHz, f_{high} = 120 kHz;
Rated H-field strengh (maximum): –11,5 µA/m at 3 meters.

* Measured with S-LifeTube, Size 2
**SPLITS = Coupler SPL for an Inductive Telephone Simulator
***STS = Simulated Telephone Sensitivity
Measure instructions: Instrument in linear setting.

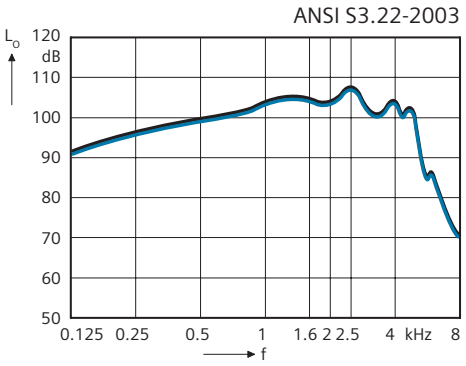
CIELO 2 BTE Basic Data

Basic Data w/Standard Earhook

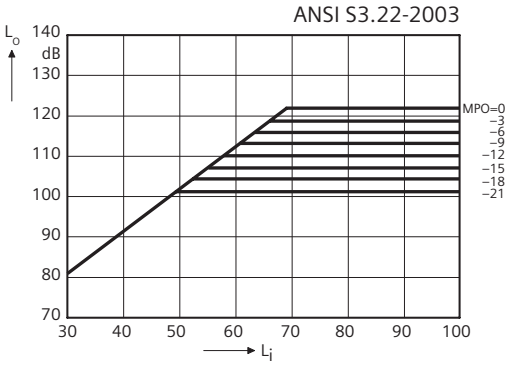
Output Sound Pressure Level (L_i = 90 dB)
Maximum Gain (L_i = 50 dB)



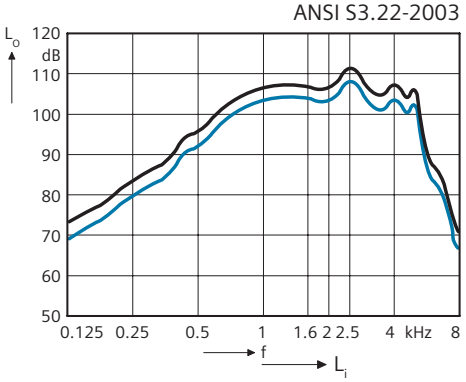
Frequency Response (L_i = 60 dB)
Basic Frequency Response (L_i = 60 dB)



Effect of MPO (FOG, f = 2 kHz)

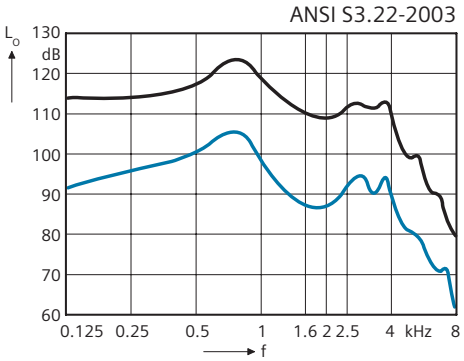


Inductive Response Left (H = 31.6 mA/m)
Inductive Response Right (H = 31.6 mA/m)

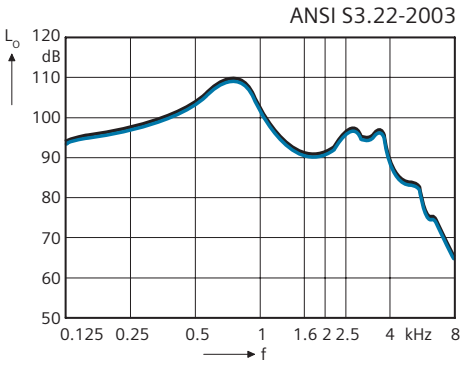


Basic Data with LifeTube™

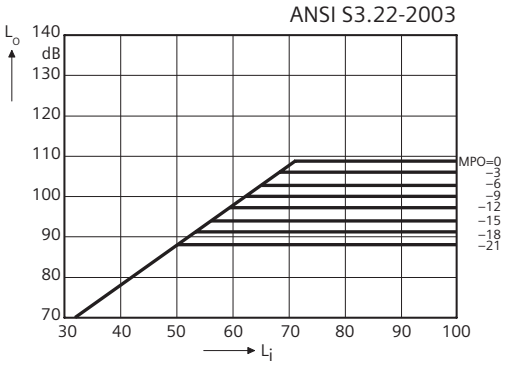
Output Sound Pressure Level (L_i = 90 dB)
Maximum Gain (L_i = 50 dB)



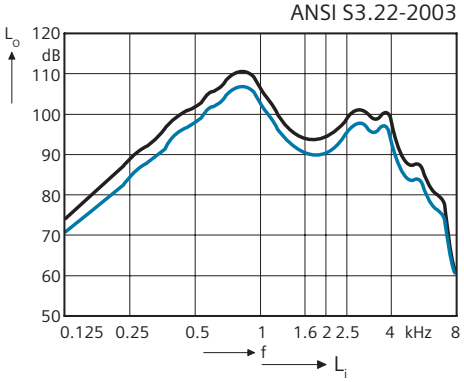
Frequency Response (L_i = 60 dB)
Basic Frequency Response (L_i = 60 dB)



Effect of MPO (FOG, f = 2 kHz)



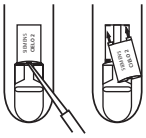
Inductive Response Left (H = 31.6 mA/m)
Inductive Response Right (H = 31.6 mA/m)



CIELO 2 BTE Fitting Information

Programming Socket

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.



Changing the Typeplates

To mark the left and right side of the CIELO 2 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.

ePocket™

The CIELO 2 hearing system supports the use of ePocket™, a bi-directional remote control with read out function.

ePocket can change the hearing programs and the volume of CIELO 2. The ePocket read out function will display the current program, volume level and battery status of the instrument(s).

ePocket includes a cover and clip.

Audio Shoe

To attach an audio shoe to CIELO 2, open the battery compartment to the first stop. Open the flap under the programming socket and hook the audio shoe in from the front so the gold contacts on the audio shoe are aligned with the gold contacts under the instrument flap. 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.

To remove the audio shoe, pull it toward the front. Then unhook the audio shoe and close the flap.

Earhook, small

For optimal fitting to smaller ears, a small earhook is an available option.

Open Fitting Option

Slim S-LifeTubes and soft, flexible LifeTips are available in various sizes to conduct an open fitting for select, Siemens CIELO 2 model BTEs.

Pediatric Accessories

A Use and Care kit containing items to care for hearing instruments (blower, stethoset, 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.

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

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