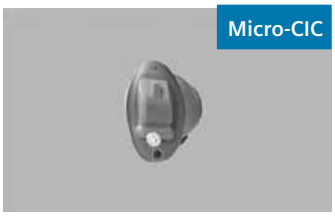
ARTIS™ and ARTIS e2e

Technical Information for Custom Hearing Instruments



Premium Features

- Fully digital 12-channel custom instruments in all types, Micro-CIC™ to ITE
- For mild to severe moderate hearing loss
- High speed automatic feedback cancellation
- Adaptive noise reduction in 12 channels
- Up to four individual hearing programs for microphone and/or telecoil
- Efficient fitting with workflow oriented CONNEXX™ software

Standard Features

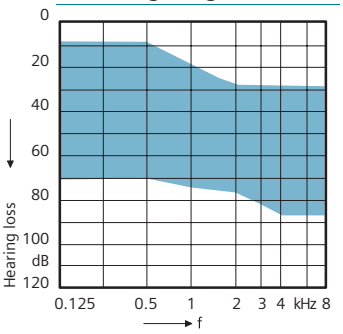
- e2e wireless™ standard for all ARTIS e2e models, Micro-CIC through ITE
- Audible signal indicators for low battery voltage, program change, volume step size and limits

Options and Accessories

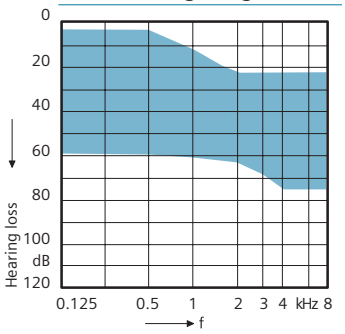
- High performance TwinMic™ directional microphone system option with automatic and multi-channel adaptive operation for ITE, HS, ITC models
- Programmable volume control with audible signal indicators for volume changes and volume limits (except ARTIS Micro-CIC)
- AutoPhone option for automatic switching to telecoil or telephone program, select models
- Wax guard option and various venting types
- ePocket™ option for ARTIS e2e models - bi-directional remote control with read out function; clip and cover included

Basic Data

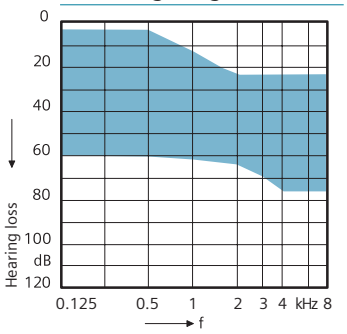
ITE Fitting Range 118/50



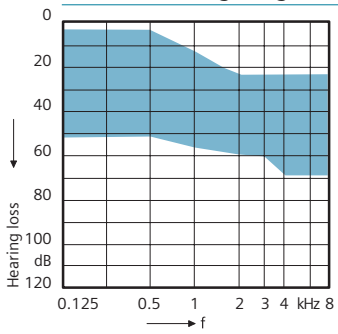
HS/ITC Fitting Range 113/40



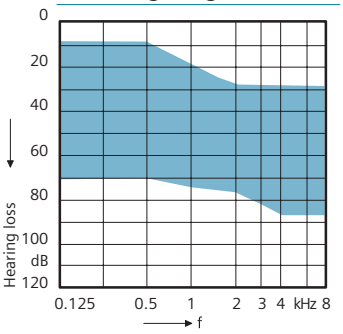
MC Fitting Range 113/40



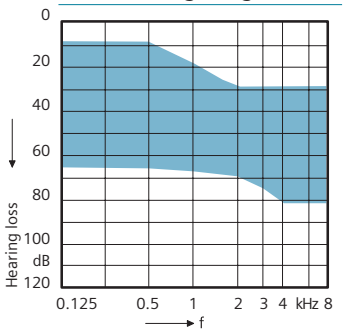
Micro-CIC Fitting Range 113/35



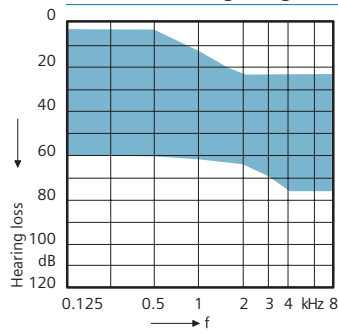
ITE Fitting Range 123/55



HS/ITC Fitting Range 118/45



Micro-CIC Fitting Range 113/40



	ITE		HS/ITC		MC	Micro-CIC	
	118/50	123/55	113/40	118/45	113/40	113/35	113/40
Options							
VC	YES	YES	YES	YES	YES	YES***	YES***
Programs	3	3	3	3	3	3	3
Telecoil/AutoPhone	YES/YES	YES/YES	YES/YES	YES/YES	YES/YES†	-	-
TwinMic AI-DI*	5.1	5.1	5.1	5.1	-	-	-
2 ccm coupler ANSI S3.22-1996							
Average Gain OSPL 90 dB/FOG dB	115/44	118/50	110/35	114/39	110/35	110/30	110/35
Battery							
Type	13/312****	13/312****	312	312	10	10	10
Typical Life	~220h/~120h	~220h/~120h	~140 h	~120 h	~70 h	~80 h	~80 h
Current Drain	1.0 mA	1.0 mA	0.9 mA	1.0 mA	0.9 mA	0.8 mA	0.8 mA
Total Harmonic Distortion ANSI S3.22-1996							
500 Hz	2%	2%	1%	2%	1%	2%	2%
800 Hz	2%	3%	2%	2%	1%	2%	2%
1600 Hz	2%	2%	2%	3%	1%	2%	2%
Equivalent Input Noise							
ANSI S3.22-1996	17 dB	19 dB	20 dB	16 dB	20 dB	25 dB	25 dB

Technical information for e2e wireless™ function: Operating frequencies: f_{low} = 115 kHz, f_{high} = 120 kHz; rated H-field strength (maximum): -11.5 µA/m at 3 meters

*AI-DI: AI = Articulation Index, DI = Weighted Directivity Index
**Measured with standard DSP settings in 2 ccm coupler re: ANSI S3.22-1996
***Micro-CIC only for e2e model together with ePocket
****ARTIS e2e with battery type 312 only
†ARTIS MC only