

## Element™ 16 Moda™

10A BTE

AutoPro2™

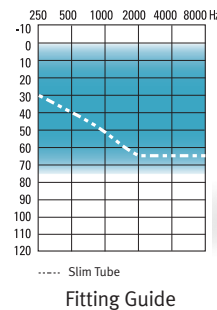
16 Channels, 16 Bands, Adaptive Directionality

### HEARING AID FEATURES

- AutoPro2™ intelligently analyzes the input signal and quickly adapts to 1 of 2 distinct destinations. Within each destination, the adaptive features can be customized for optimal listening and comfort.
- Adaptive directional microphone system tracks and suppresses moving noise sources, while focusing on sounds from the front
- Noise reduction analyzes input and automatically reduces noise signals independently in each of the 16 bands
- Speech enhancement LD analyzes the input signal and automatically emphasizes speech signals independently in each of the 16 bands. The amount of speech enhancement applied is based on the input level of the identified speech signals.
- AntiShock instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- Phase canceller continuously monitors for feedback and accurately calculates and applies the required counter signal for feedback cancellation
- Wind noise manager intuitively engages based on moderate or high wind conditions
- 16 channels provide high resolution signal processing
- Choice of 2 processing strategies (WDRC and Linear Limiting) for increased fitting flexibility
- 3 additional manual programs provide customization for individual needs and preferences
- Data logging accurately records the wearer's usage and manual program use
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Element 16 can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software
- Battery Size: 10A

### OPTIONS

- Slim tube coupling for instant open fittings
- Filtered earhook
- Choice of shell colors
- Easy-t provides automatic switching to a dedicated telephone program



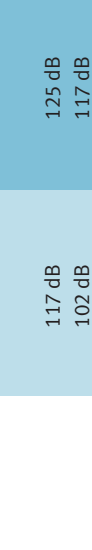
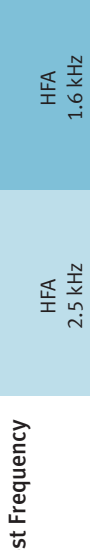
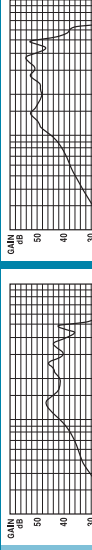
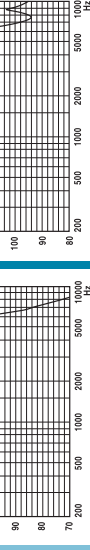
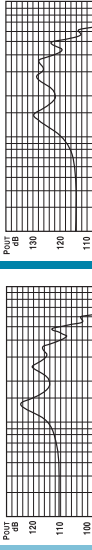
Element 16 Moda is suitable for fitting mild to moderately severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

# Element 16 Moda 10A BTE

ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		IEC 118-0 OES COUPLER TECHNICAL DATA		
Reference Test Frequency ANSI IEC 118-7	Element 16 Moda Slim Tube (optional) HFA 2.5 kHz	Element 16 Moda Unfiltered Earhook (standard) HFA 1.6 kHz	Element 16 Moda Slim Tube (optional) 2.5 kHz	Element 16 Moda Unfiltered Earhook (standard) 1.6 kHz
<b>OSPL<sub>90</sub></b> Maximum HFA at RTF	117 dB 102 dB 105 dB	125 dB 117 dB 117 dB	123 dB 116 dB	130 dB 126 dB
<b>Full on Gain</b> (input 50 dB) Maximum HFA at RTF	43 dB 31 dB 31 dB	47 dB 43 dB 42 dB		54 dB 50 dB
<b>Basic Frequency Response</b> Frequency Range (Hz) Reference Test Gain (ANSI 1996)	100-5600 25 dB	230-6200 40 dB		260-6500 43 dB
<b>Induction Coil Sensitivity</b> (ANSI 1996, 3±.6 mA/m) HFA SPLITS STS	86 dB 1 dB	101 dB 1 dB		85 dB 83 dB
<b>Current Drain at RTG</b>	1.1 mA	1.1 mA	1.1 mA	1.1 mA
<b>Typical Battery Life</b>	80 h	80 h	80 h	80 h
<b>Equivalent Input Noise at RTG</b>	23 dB	15 dB	20 dB	10 dB
<b>Total Harmonic Distortion</b>				
at 500 Hz	2%	1%	2%	1%
at 800 Hz	1%	1%	1%	1%
at 1600 Hz	1%	1%	1%	1%
<b>EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode</b>				
<b>IRIL Low/High band dB SPL</b>	38/43	38/43	38/43	38/43

## ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA

## IEC 118-0 OES COUPLER TECHNICAL DATA



**Test Conditions:**  
 Battery: 10A  
 Source: Voltage 1.3 V  
 Earhook: Unfiltered  
 Tubing: Length 25 mm; Inside Diameter 1.93 mm  
 The measurement data obtained with hearing aid set to linear, omni mode with all adaptive features disabled.

We reserve the right to change specification data without notice as improvements are introduced.

