



MADSEN Alpha and Alpha + Frequently Asked Questions

Question	Answer												
What are Distortion Product Otoacoustic Emissions (DPOAE)?	DPOAE are signals that are generated in the cochlea in response to sound (two pure tones) and measured in the ear canal												
How does the MADSEN Alpha differ from other OAE screeners?	<p>The MADSEN Alpha has a</p> <ul style="list-style-type: none"> • large touch screen display for extreme ease of use • child mode that allows for a cartoon to play during testing • built in probe test cavity to ensure accurate testing daily 												
How many tests can the MADSEN Alpha store?	The MADSEN Alpha can store 50 tests. The MADSEN Alpha Plus can store 250. Each unit allows the user to disable the storage feature.												
How many protocols and test frequencies are in the MADSEN Alpha?	The MADSEN Alpha has 1 predefined protocol. It tests 2-5 kHz using 65-55 dB SPL. It will automatically stop when 3 out of 4 frequencies pass or 2 out of 4 frequencies refer.												
How many protocols and test frequencies are in the MADSEN Alpha +	MADSEN Alpha + has 6 predefined protocols and tests at 65-55 dB SPL:												
	<p>Answer</p> <table border="1"> <tbody> <tr> <td>2500-6000 Hz</td> <td> <ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • Auto stop when criteria is met </td> </tr> <tr> <td>2500-6000 Hz*</td> <td> <ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • No auto stop </td> </tr> <tr> <td>2000-5000 Hz</td> <td> <ul style="list-style-type: none"> • 3 out of 4 frequencies for a pass • Auto stop when criteria is met </td> </tr> <tr> <td>2000-5000 Hz</td> <td> <ul style="list-style-type: none"> • 3 out of 4 frequencies for a pass • No auto stop </td> </tr> <tr> <td>1500-6000 Hz</td> <td> <ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • Auto stop when criteria is met </td> </tr> <tr> <td>1500-6000 Hz*</td> <td> <ul style="list-style-type: none"> • Tests all frequencies, no auto stop • No Pass or Refer is assigned </td> </tr> </tbody> </table> <p><i>*meets criteria for US CPT code 92587</i></p>	2500-6000 Hz	<ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • Auto stop when criteria is met 	2500-6000 Hz*	<ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • No auto stop 	2000-5000 Hz	<ul style="list-style-type: none"> • 3 out of 4 frequencies for a pass • Auto stop when criteria is met 	2000-5000 Hz	<ul style="list-style-type: none"> • 3 out of 4 frequencies for a pass • No auto stop 	1500-6000 Hz	<ul style="list-style-type: none"> • 4 out of 6 frequencies for a pass • Auto stop when criteria is met 	1500-6000 Hz*	<ul style="list-style-type: none"> • Tests all frequencies, no auto stop • No Pass or Refer is assigned
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What ages can be tested with MADSEN Alpha?	The MADSEN Alpha and Alpha + OAE screeners can be used to test people of all ages.												
What does a REFER mean?	<p>A REFER can mean several things:</p> <ul style="list-style-type: none"> • Middle ear fluid • Ear wax • Improper testing technique • Hearing loss <p>If a REFER result is received, the test should be repeated. If another REFER is obtained, further testing should be completed (audiometry, tympanometry).</p>												
Which tip should I use for the test?	Ears come in many shapes and sizes. For those reasons, MADSEN Alpha comes with a variety of ear tips. It is important that the ear be "sealed". The best test results are obtained when the ear tip is seated deeply into the ear canal. This keeps external noise out and test tones and responses in!												
How do I turn off the external sound on MADSEN Alpha?	From the Main Menu select Settings then select Sound. Here you will see the option to turn the sound on/off for touch screen taps and at the end of a test. To change to simply touch the icon.												
How do I delete a test?	From the Main Menu select Delete. Next you will be prompted to delete a Single Test or All Tests. Deleting All Tests will clear the memory. By selecting Single Tests you will be brought to a new screen to choose which test you would like to delete.												
What is the maximum of the logo I can use in the Alpha + Print Utility?	The logo should have a resolution of 500 (width) by 500 (height)												