Michael & Associates, Inc.

814-234-7042 phone 814-235-1381 fax Email: Kevin@michaelassociates.com URL: www.michaelassociates.com

FitCheck Solo

FitCheck Solo provides the same functions as FitCheck without the requirements of external hardware. FitCheck Solo and the original FitCheck have been verified through independent studies to provide test results that are representative of ANSI S12.6-2008, which is the 'gold standard' for hearing protector attenuation measurements.

FitCheck Solo features:

Uses your PC 24-bit sound card, common on most PC's. An external 24-bit sound card is also an option.

Test from 3 to7 frequencies and generate the FitCheck Solo PAR. The PAR is an A-weighted attenuation calculation that can be compared to the manufacturer's NRR.

Uses FitCheck headphones with 3.5 mm plug to fit directly into PC sound cards.

FtiCheck Solo is based on National Institute for Occupational Safety and Health (NIOSH) WellFit program. FitCheck Solo was customized by Michael & Associates for industrial application.

Win XP / 7 compatible.

Can be used to test any type of insert hearing protector. Convenient file storage options and reporting capabilities.

Iterting - CAUsers/Kevin/Documents/blah.mdb - FitCheck Solo Studies Testing Reports Setup			
Subject: Kevin Michael - 999 ▼ Pt Test Date: 1/29/2013 - 3m / Aearo Classic ▼ Unoccluded Tests Occluded Tests ▼	New Subject PAR Report New Fit Test Edit Details		
Threshold Samples:	Current Status Test: Unocoluded Tiral #: 1 Frequency: 2000 Direction: Descending Noise Level: 23.7		
Tinal # 500 Hz 1000 Hz 2000 Hz 1 9.3 12.6	Prior Test Results Prior Test		

Examples of the FitCheck Solo Reports

FitCheck Solo Study Summary Report Reported 2/27/2013

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Test Date:	1/29/2013		Location ID:	2233	
Test Number:	22			0700.0	
# of Subjects:	5		Address:		V. College Ave,
				Suite 1	
Employer: Al	BC Compan	у		State (College
Employer ID:	2233			16801	
NAICS Code:	511511			US	
Hearing Pro	tectors				
Device Name		Device Model	Device Ty	ре	Manufacturer
ff		ff			ff
Moldex 1		Purafit			Moldex
Combat Arms		Combat Arms			3M
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*	Personal Attenuation Ratings Report						
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'rotector				FitCheck	Maximum	Test	
	Subject	Protector	Test Date	Solo PAR	Exposure	Result	
est Date Starting	Michaels, Kevin	3M Classic	9/4/2013 12:00 AM	30.3	115.3	PAS	
-	Michaels, Kevin	HL Max	8/30/2013 12:00 AM	39.5	124.5	PAS	
est Date Ending						Page 1 of	

12:00 AM					
FitCheck Solo Personal Attenuation Details Report Reported 9/24/2013 Employee: Michaels, Kevin Employee: Michaels, Kevin Employee: Michaels, Kevin Employee: Michaels, Kevin Employee Employee: Michaels, Kevin Employee Employee: Michaels, Kevin Employee Employee: Michaels, Kevin Employee Race: White Ethnicity: Most Recent Personal Attenuation Rating Protector: HL Max Max Exposure: 124.5 Test Result: PASS Most Recent REAT Test Results Most Recent REAT Test Results Trial Occluded Unoccluded 1 46.6 61.6 56.4 62.1 82.0 2.3 14.4 15.7 26.6 24.8 Test Date Protector 126 Hz 200 Hz Most Maximum 8/42013 3M Classic 33.1 29 33.5 26.7 43.1 30.3 1					
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3/30/2013 HL Max 44.2 47.2 40.7 35.5 57.2 39.5 1					
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A test result of NR indicates that the subject did not respond.	e Result				
Testing with fewer than all 7 frequencies leads to greater uncertainty in PAR values.	e Result				

System cost, including software and FitCheck headphones......\$3200 1-year support and software upgrade included

Annual support and software upgrade contract (after first year)......\$900