Cholesterol Management Software User's Guide

For data transfer to a Personal Computer (PC).

For professional and self-testing in vitro diagnostic use only.

INTENDED USE

These instructions define the format and timing for data transmission from the Cholesterol Meter. Data transferred from the meter includes ID, Date Time, CHOL, HDL, TRIG, LDL, CHOL/HDL and CHD. The intended use is to provide information required to transfer data to an external computer with suitable PC software.

SYSTEM REQUIRED

The following are minimum requirements for CHOL Management Software operation:

Operating System: Windows 7 (32 bit / 64 bit); Windows XP (32 bit); Windows 10 (32 bit / 64 bit)

Processor: Pentium 4-class processor or equivalent

Memory: 512 MB

Hard Disk Space: 100 MB (depends on amount of data to be managed)

Connection Port: Available USB port (USB to Serial port adapter accessory is available)

Display: At least 1024×768

MATERIALS REQUIRED

Cholesterol Meter

USB Cable

Note: To make use of this software, you need a USB Cable from *Acon*.

DIRECTIONS FOR USE

Installing the Cholesterol Management Software

Note: Please be sure to install the Cholesterol Management Software under administrator's privilege.

1. Download the Cholesterol Management Software to your PC. Double click "CHOL_Management_ Software_Setup_v1.2.0.exe" to start the installation process.



2. The Setup Wizard will display as shown below. Click Next>.



 The License Agreement will be displayed as shown below. If you agree with the terms, select *I accept* the agreement option and click Next>.



4. The Destination Location will be displayed as shown below. The default folder is "CHOL Management Software". It is suggested not to change default settings. Click *Next*>.

Setup - CHOL Management Software 1.2.0	
Select Destination Location Where should CHOL Management Software 1.2.0 be installed?	
Setup will install CHOL Management Software 1.2.0 into the following fo	older.
To continue, click Next. If you would like to select a different folder, click Browse	9.
C:\Program Files\CHOL Management Software Brows	;e
At least 182.8 MB of free disk space is required.	
< Back Next >	Cancel

5. Select Create a desktop icon, then click Next>.

Setup - CHOL Management Software 1.2.0	
Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while installing CHOL Management Software 1.2.0, then click Next. Additional shortcuts: Create a desktop shortcut	
< Back Next >	Cancel

6. Before the installation files are installed, the screen shown below will be displayed. Click *Install* to continue with the installation process. Click *Back* to modify or review any of the settings.

Û,	Setup - CHOL Management Software 1.2.0
	Ready to Install Setup is now ready to begin installing CHOL Management Software 1.2.0 on your computer.
	Click Install to continue with the installation, or click Back if you want to review or change any settings.
	Destination location: C:\Program Files\CHOL Management Software
	Additional tasks: Additional shortcuts: Create a desktop shortcut
	< Back Install Cancel

7. The following screen will be displayed, showing the progress of the installation.

Setup - CHOL Management Software 1.2.0	
Installing Please wait while Setup installs CHOL Management Software 1.2.0 on your computer.	
Extracting files C:\Program Files\CHOL Management Software\dotNetFx40_Full_x86_x64.exe	
(Cancel

8. The .NET Framework will be installed in your computer. Please selet *I have read and accept the license terms* and click *Install*.

🌆 Microsoft .NET Framework 4 Setup	
.NET Framework 4 Setup Please accept the license terms to continue.	Microsoft .NET
MICROSOFT SOFTWARE	
✓ I have read and accept the license terms.	
Download size estimate: 0 MB	
Download time estimates: Dial-Up: 0 minutes	
Broadband: 0 minutes	
Yes, send information about my setup experiences to Microsoft Corporation For more information, read the <u>Data Collection Policy</u> .	
Install	Cancel

9. The following screen will be displayed, showing the progress of the .NET Framework installation.

🌄 Microsoft .NET Framework 4 Setup	
Installation Progress Please wait while the .NET Framework is being installed.	Microsoft .NET
File security verification:	
All files were verified successfully.	,
Installation progress:	\bigcirc
Installing .NET Framework 4 Client Profile	
	Cancel

10. When the *.NET Framework* installation is completed, the interface will be shown below. Click *Finish* to complete the installation.



Note: Sometimes the *.NET Framework* installation (step 8-10) is not shown in the software installation, and it is normal. That's because the *.NET Framework* already exists in your computer since it is just a plugin.

11.Click *Finish* to complete the software Setup Wizard.



Cholesterol Management Software Startup

1. Select "CHOL Management Software" from the Program List to run the software, or double click the



	Ture off Carry to	Uninstall CHOL Management Software

2. The Cholesterol Management Software screen will be displayed as shown below.

	CHOL Management	Software(V1.2.0)		- 🗆 ×
Start Clear Exit Tools IS Export				
				x
ID DateTime	CHOL HDL	TRIG LDL	CHOL/HDL	CHD

Driver Installation for First Time Use

1. Connect the Cholesterol Meter to a PC using a USB cable. The Found New Hardware wizard will be launched.



2. Check the PC's Computer Management, the USB program will appear in the device list as shown below.



3. If you install the software successfully, the CHOL Management Software and Driver Package will appear in the Control Panel under Add or Remove Programs as follows.

🐻 Add or Rei	nove Programs			
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	*
C <u>h</u> ange or Remove Programs	CHOL Management Software 1.2.0		Size	<u>183.00MB</u>
			Last Used On	1/27/2015
Add New	To remove this program from your computer, click Rem	ove.		Remove
Programs	🌄 Microsoft .NET Framework 4 Client Profile		Size	182.00MB
6	5 Microsoft .NET Framework 4 Extended		Size	46.04MB
Add/Remove	🗮 Windows Driver Package - Silicon Laboratories (silabenr	n) Ports (12/10/2012 6.6.1.0)		
<u>W</u> indows Components				
Set Program Access and				
Defaults				

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🐻 Add or Re	move Programs			
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	~
C <u>h</u> ange or Remove	CHOL Management Software 1.2.0		Size	183.00MB
Programs	🌄 Microsoft .NET Framework 4 Client Profile		Size	182.00MB
	Kicrosoft .NET Framework 4 Extended		Size	46.04MB
Add <u>N</u> ew Programs	Summer Package - Silicon Laboratoria	es (silabenm) Ports (12/10/2	:012 6.6.1.0)	
	To change this program or remove it from your comp	uter, click Change/Remove.	Chang	e/Remove
Add/Remove Windows Components				
<				
Set Pr <u>o</u> gram Access and Defaults				

Downloading the Cholesterol Meter Data

- 1. Use a USB cable to connect the Cholesterol Meter to a PC.
- 2. Run the software, click the *Start* button to allow the software to start receiving the data. A message will appear as follows.



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 Turn on the Cholesterol Meter by holding the power button down until the Set screen appears. Press the ◄ button or ► button until *PC* is displayed, and then press the power button to enable the data communication. Press the power button again to transfer data to the PC.

Note: Refer to **Section 8 Data/Communication** in the Cholesterol Monitoring System User's Manual for details.

4. The following screen will be displayed, showing the progress of the transfer.



5. The records transferred to the PC are shown as below.

			CHC)L Management Softwa	are(V1.2.0)		-		×
		Tools Skin Help							
		≼ 🙁 📜 💈	K						
St	art	Clear Exit Text XI	sx						
		Table = Event	_						
	7	Tools Is Export	1a I						X
	[∢	198 of 198 > >							~
	ID	DateTime	CHOL (mmol/L)	HDL (mmol/L)	TRIG (mmol/L)	LDL (mmol/L)	CHOL/HDL	CHD	
	b82	5/7/2014 6:44:00 PM			1.24				^
	b83	5/7/2014 6:44:00 PM			1.64				
	b84	5/7/2014 6:44:00 PM			2.03				
	b85	5/7/2014 6:44:00 PM			2.43				
	b86	5/7/2014 6:44:00 PM			2.82				
	b87	5/7/2014 6:44:00 PM			3.22				
	P88	5/7/2014 6:44:00 PM			3.61				
	b89	5/7/2014 6:44:00 PM			4.01				
	Ь90	5/7/2014 6:44:00 PM			4.40				
	b91	5/7/2014 6:44:00 PM			4.80				
	b92	5/7/2014 6:44:00 PM			5.19				
	b93	5/7/2014 6:44:00 PM			5.59				
	b94	5/7/2014 6:44:00 PM			5.98				
	b95	5/7/2014 6:44:00 PM			6.38				
	b96	5/7/2014 6:44:00 PM			6.77				
	b97	5/7/2014 6:44:00 PM			7.17				
	Ь98	5/7/2014 6:44:00 PM			>7.34				
Þ	b99	5/7/2014 6:44:00 PM			>7.34				
									\sim

6. Data transfer will not stop until all records are transferred and the records downloaded will be shown on the software interface. When the transfer is completed, a message displayed as shown below.

	D Tools	Skin Help	CHOL Management Software(V1.2.0)	- = ×
Sta	art Clear Tools	Exit Text XIsx Is Export Is		×
:∎	4 194	of 194 🗼 🕨		
	ID	DateTime	CHOL (mmol/L) HDL (mmo TRIG (mmo LDL (mmol CHOL/HDL	CHD
	b82	5/7/2014 6:44:00 PM	1.24	^
	b83	5/7/2014 6:44:00 PM	1.64	
	b84	5/7/2014 6:44:00 PM	Message x .03	
	b85	5/7/2014 6:44:00 PM	.43	
	b86	5/7/2014 6:44:00 PM	Data transfer is completed82	
	b87	5/7/2014 6:44:00 PM	ОК .22	
	b88	5/7/2014 6:44:00 PM	.61	
	b89	5/7/2014 6:44:00 PM	4.01	
	b90	5/7/2014 6:44:00 PM	4.40	
	b91	5/7/2014 6:44:00 PM	4.80	
	b92	5/7/2014 6:44:00 PM	5.19	
	b93	5/7/2014 6:44:00 PM	5.59	
	b94	5/7/2014 6:44:00 PM	5.98	
	b95	5/7/2014 6:44:00 PM	6.38	
	b96	5/7/2014 6:44:00 PM	6.77	
	b97	5/7/2014 6:44:00 PM	7.17	
	b98	5/7/2014 6:44:00 PM	>7.34	
•	b99	5/7/2014 6:44:00 PM	>7.34	

7. Press *Text* or *Xlsx* to export the data as a txt or excel file, and then press save. The file will be saved as shown below. The name of the folder and file can be changed.

	Tool	s Skin	Help			CH	OL Manage	ement Softwa	re(V1.2.0)						-		×
Start		Exit.		X													
beare	Cical	EXIC	TOAC	Save	٨s									2			
	Tools	La	Export	Juve	M5										4		
					Save in:	📋 My I	Document	5		*	G	3 🖻	•				×
I I I I	194	of 194				👌 Му М	usic										
ID		Date	Time			🖲 My Pi	ctures									CHD	
b81		5/7/2014	5:44:00 PM	M	y Recent												
b82		5/7/2014	5:44:00 PM		ocuments												
b83		5/7/2014	5:44:00 PM														
b84		5/7/2014	5:44:00 PM		Desktop												
b85		5/7/2014	5:44:00 PM														
b86		5/7/2014	5:44:00 PM														
b87		5/7/2014	5:44:00 PM														
b88		5/7/2014	5:44:00 PM	му	Documents												
b89		5/7/2014	5:44:00 PM														
b90		5/7/2014	5:44:00 PM														
b91		5/7/2014	5:44:00 PM	Му	Computer												
b92		5/7/2014	5:44:00 PM														
b93		5/7/2014	5:44:00 PM			File name	e:	CHOL_2015	0126 190753			~		Save			
b94		5/7/2014	5:44:00 PM	M	Network	Save as	tvpe:	Excel files (*	xlsx)			~	1	Cancel			
b95		5/7/2014	5:44:00 PM				9F						_		ć.		
b96		5/7/2014	5:44:00 PM						6.77								
b97		5/7/2014	5:44:00 PM						7.17								
b98		5/7/2014	5:44:00 PM						>7.34								
▶ b99		5/7/2014	5:44:00 PM						>7.34								¥

- 8. Press *Clear* to clear the data on the window or press the *Start* button to clear the data and begin the next data download.
- 9. Different layouts are listed. Click *Skin* to change the layout.

Tools Skin Help		

10. Go to *Help* to view the user's guide and more information on the software.

Tools Skin Hel	CHOL Management Software(V1.2.0)	-	×
Guide About			

Driver Uninstallation

1. Go to the *Start* menu located on the bottom left corner of your computer screen. Select *All Programs* then *CHOL Management Software*. Click on *Uninstall CHOL Management Software*.

All Programs 🜔 📻 CHOL Management Software 🔹 🕨	CHOL Management Software
	🏮 Uninstall CHOL Management Software

2. A message will pop up to confirm program uninstallation as follows. Click **Yes** to completely remove the CHOL Management Software and all of its components.

CHOL Ma	anagement Software 1.2.0 Uninstall
2	Make sure to remove CHOL Management Software 1.2.0 and all of its components completely?
	Yes No

3. The following screen will display the uninstallation progress.

CHOL Management Software 1.2.0 Uninstall	X
Uninstall Status Please wait while CHOL Management Software 1.2.0 is removed from your computer.	
Uninstalling CHOL Management Software 1.2.0	
	Cancel

Click **OK** to complete the uninstallation process. 4.

CHOL Management Software 1.2.0 Uninstall						
(į)	CHOL Management Software 1.2.0 was successfully removed from your computer.					
	ок					



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