# Ultra 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 Ultra Cholesterol Meter. Data transferred from the meter includes type, SN, date format, date, time, Cholesterol and Control. 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 Ultra CHOL Management Software operation:

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

Ultra Cholesterol Meter

• USB Cable

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

**DIRECTIONS FOR USE** 

# Installing the Ultra Cholesterol Management Software

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

1. Download the Ultra Cholesterol Management Software to your PC. Double click "Ultra CHOL Management Software \_Setup" to start the installation process.



Vltra CHOL Management Software\_Setup.exe

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



3. 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. Select a destination and click Next>.

🧧 Setup - Ultra CHOL Management Software	
Select Destination Location Where should Ultra CHOL Management Software be installed?	
Setup will install Ultra CHOL Management Software into the following fol	der.
To continue, click Next. If you would like to select a different folder, click Browse.	
C:\Program Files\Ultra CHOL Management Software Browse	e
At least 8.8 MB of free disk space is required.	
< <u>B</u> ack <u>N</u> ext >	Cancel

5. Select the Start Menu Folder screen which will be displayed as shown below. The default folder is "Ultra CHOL Management Software". It is suggested not to change default settings. Click *Next*.

🚺 Setup - Ultra CHOL Management Software
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
Ultra CHOL Management Software Browse
< <u>B</u> ack <u>N</u> ext > Cancel

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

📮 Setup - Ultra CHOL Management Software	
Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while installing Ultra CH Management Software, then click Next.	HOL
Additional icons:	
Create a desktop icon	
< <u>B</u> ack <u>N</u> ext >	Cancel

7. 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.

🚦 Setup - Ultra CHOL Management Software	
<b>Ready to Install</b> Setup is now ready to begin installing Ultra CHOL Management Software 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\Ultra CHOL Management Software	
Start Menu folder: Ultra CHOL Management Software	
Additional tasks: Additional icons: Create a desktop icon	
< <u>B</u> ack Install Car	ncel

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



9. Click *Finish* to complete the Setup Wizard.



## Ultra Cholesterol Management Software Startup

1 Select "Ultra CHOL Management Software" from the Program List to run the software, or double click the following icon on the desktop.



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

Ultr	a CHOL Data Manage	ment Software						
File He	lp							
Downlo	ad Clear Data Expo	t Excel Exit						
	Туре	SN	Date Format	Date	Time	Cholesterol	Control	
							Version: 1.0.0-20131224	

### Driver Installation for First Time Use

Note: The steps below show the driver installation under the Operating System of Windows XP.

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



2. The Found New Hardware Wizard will display as shown below. It is suggested to select **Yes, this time only**, then click **Next>** to continue.



3. The USB driver will be installed automatically. Select *Install the software automatically (Recommended)* option and click *Next>* to continue the installation.

Found New Hardware Wize	ard
	This wizard helps you install software for: Ultra CHOL CP210x USB to UART Bridge
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

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

Found New H	Hardware Wizard
Please <del>w</del> a	it while the wizard searches
Į	Ultra CHOL CP210x USB to UART Bridge
	<pre>&lt; Back Next &gt; Cancel</pre>

5. After the installation of the USB driver is complete, the screen shown below will be displayed. Click *Finish* to complete the Found New Hardware Wizard.

Found New Hardware Wizard					
	Completing the Found New Hardware Wizard				
	The wizard has finished installing the software for:				
	Ultra CHOL CP210x USB to UART Bridge				
	Click Finish to close the wizard.				
	K Back Finish Cancel				

6. Check the Computer Management of PC, the USB program will appear in the device list as shown below.



7. If you install the software successfully, the CHOL Management Software and USB program will appear in Add or Remove Programs of the Control Panel as follows.

Programs	📴 Ultra CHOL Management Software 1.0.0	Size	<u>8.36MB</u>
-	Click here for support information.	Used	<u>rarely</u>
<u> </u>		Last Used On	8/27/2013
Add/Remove <u>W</u> indows	To remove this program from your computer, click Remove.		Remove
Components -	😣 Ultra CHOL USB to UART Bridge (Driver Removal)	Size	3.53MB
_			
Programs	🔀 Ultra CHOL Management Software 1.0.0	Size	8.36MB
-	😢 Ultra CHOL USB to UART Bridge (Driver Removal)	Size	<u>3.53MB</u>
	Click here for support information	المحدل	



### Downloading the Ultra Cholesterol Meter Data

- 1. Use a USB cable to connect the Ultra Cholesterol Meter with a PC.
  - *Note:* Please contact your local distributor for the USB Cable.
- 2. Run Ultra CHOL Management Software.
- 3. Turn on the Ultra Cholesterol Meter by holding both **M** button and **S** button down until **PC** is displayed

Note: Refer to Using the Memory in the Ultra Cholesterol Monitoring System User's Manual for

details.

- 4. Press the *Download* button to receive the data.
- 5. The records transferred to the PC are shown as below:

Ultra CHOL Data Manag	ement Software						
File Help							
Download Clear Data Exp	ort Excel Exit						
Туре	SN	Date Format	Date	Time	Cholesterol	Control	^
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:24:00	7.6mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:23:00	7.6mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:22:00	7.6mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:21:00	7.5mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:20:00	7.5mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:19:00	7.5mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:18:00	7.5mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:17:00	7.4mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:16:00	7.4mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:15:00	7.4mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:14:00	7.4mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:13:00	7.3mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:12:00	7.3mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:11:00	7.3mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:10:00	7.3mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:09:00	7.2mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:08:00	7.2mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:07:00	7.2mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:06:00	7.2mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:05:00	7.1mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:04:00	7.1mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:03:00	7.1mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:02:00	7.0mmol/L		=
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:01:00	7.0mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	13:00:00	7.0mmol/L		
BCHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	12:59:00	7.0mmol/L		~
Received record 86			DOWNLOADING	COM 3 Recei	ving Mode	Version: 1.0.0-20131224	

6. Data transferring will not stop until all records are copied to the software window. The records quantity and time used for transfer are shown on the bottom of the software interface. A message will pop up as follows when all the records are transferred to the PC. Click *OK* to complete the transferring. *Note:* Removing the USB cable from the Ultra Cholesterol Meter will stop the current data transfer automatically.

Help	5						
nload Clear Data Exp	Dort Excel Exit						
Туре	SN	Date Format	Date	Time	Cholesterol	Control	
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:30:00	4.7mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:29:00	4.6mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:28:00	4.6mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:27:00	4.6mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:26:00	4.6mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:25:00	4.5mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:24:00	4.5mmol/L		
CHOL CCM-101	193A0003D0B		0040.05.40	1:23:00	4.5mmol/L		
CHOL CCM-101	193A0003D0B	Message		1:22:00	4.5mmol/L		
CHOL CCM-101	193A0003D0B			1:21:00	4.4mmol/L		
CHOL CCM-101	193A0003D0B	Transfe	r done. Received 200 records. Sp	end 73s 1:20:00	4.4mmol/L		
CHOL CCM-101	193A0003D0B			1:19:00	4.4mmol/L		
CHOL CCM-101	193A0003D0B		ОК	1:18:00	4.4mmol/L		
CHOL CCM-101	193A0003D0B			1:17:00	4.3mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:16:00	4.3mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:15:00	4.3mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:14:00	4.2mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:13:00	4.2mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:12:00	4.2mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:11:00	4.2mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:10:00	4.1mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:09:00	4.1mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:08:00	4.1mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:07:00	4.1mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:06:00	4.0mmol/L		
CHOL CCM-101	193A0003D0B	Y-M-D	2013-05-16	11:05:00	4.0mmol/L		

- 7. Turn off the Ultra Cholesterol Meter, or the meter will automatically turn off after 2 minutes of inactivity.
- 8. Press *Export Excel* to export the Data Format, Date, Time, Cholesterol and Control as shown on the window of the software program to an excel file, and then save it.
- 9. Press *Clear Data* to clear the data on the window or press the *Download* button to clear the data and begin the next transfer.

## Driver Uninstallation

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

All Programs 🜔	All Programs 🜔 🛗 Ultra CHOL Data Management Software 🔸		🖺 Ultra CHOL Data nagement Software
			🯮 Uninstall Software
		4	and the first state of the second state of the

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

Ultra CH	IOL Management Software Uninstall
?	Are you sure you want to completely remove Ultra CHOL Management Software and all of its components?
	Yes No

3. The following screen will display the progress of the uninstallation.

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

4. Click OK to complete the uninstall process.



5. After you uninstall the Ultra CHOL Management Software successfully, the USB driver will be completely removed as well.

