# **Auto** BCT-200J Download Application (AC-65) Instruction Manual



Thank you for purchasing the AC-65 Data Download Application for your BCT- 200J <u>Handheld Tester from Auto Meter Test Equipment</u>. The AC-65 Data Download Application enables data transfer from your BCT-200J model tester to your PC for storage, record keeping, and analysis. These instructions will help guide you through the AC-65 software installation and operation process.



# **BCT200J Download Application (AC-36) Instructions**

This software will allow data to be downloaded from the BCT200J and saved on a PC. Test results can then be displayed on the PC and can be printed on the PC's printer.

## **INSTALLATION:**

1. Make sure the computer is on and booted up. Save any data and close any open applications. Load the included CD into the computer. If auto run is enabled on the computer, the installation program will start automatically. If auto run is not enabled, go to the CD drive then run setup.exe. The following screen will appear on the computer. Click on the OK button to continue with the installation.

CT-200J Download Application	Setup
	ECT-2001 Download Application Setup      Welcome to the ECT-2003 Download Application installation program.      Schop cancel head application files or update thereaf files if they are in use. Before     proceedings we recomment the vision of the application system be normanic.
	OK Ept Setup

2. The next screen will ask where to install the BCT-200J Download Application software. Accept the default location by clicking on the computer icon button or change it by clicking on the Change Directory button.

BCT-200J Download Application	n Setup
	Begin the installation by closing the button below.         Image: Close to the install BCT-2003 Download Application software to the specified destination directory.         Directory:         Ci/Program Files (s66)(BCT-2003 Download Application)         Clange Directory
	Egit Setup

3. If you chose to change the directory then enter the new directory where the program will be installed, and then click on OK. Click on the computer icon button to install the BCT-200J Download Application software.

BCT-200J Download Application Se	tup
Begin Levine Civres	Enter or select a destination directory.   Enter or select a dest

4. The next screen will prompt for the program group in which to place the BCT-200J Download Application. Accept the default location or choose another group by highlighting it, then click on Continue. Clicking on Cancel will exit the installation program.

Setup will dol tems to the group shown in the Program Group bax. You can enter a new group name or select one from the Existing Groups list. Program Group: Excession Course: Excession Course: Excession Tools Methods bowning Application Methods bowning Application Startup  Continue Cancel		
Program Group: ICT 2000 Download Application Episteme Groups: Administrative Tode BaseSci201 Sources Application Continue Continue Continue Cancel		
Egeting Groups: Advantuated Tools Call State Council Application State points Startup		
Accessories Administrative Tools Desired Countries Application Startup Startup 		
Materianska Argunatori Startup Continue Cancel		
ContinueCancel		
ContinueCancel		
ContinueCancel		
Continue Cancel		
<u>Continue</u> Cancel		

5. The next screen will display the license agreement. If you agree with the license agreement then click on the Accept button and then click on Continue. If for some reason you disagree with the license agreement then click on Cancel to exit the installation program.

AutoMeter Products Firmware Upgrade License	
AUTO METER PRODUCTS, NC.	
I. ATTENTION YOU SHOULD CAREFULLY READ THE FOLLOWING TERMS AND CONDITIONS BEFORE OPENING THES PACKAGE OPENING THE PACKAGE MEANS YOU ACCEPT THESE TERMS AND CONDITIONS AND UNDERSTAND THAT THEY WILL BE LEGALLY BINDING ON YOU. ANY END USER AND THE COMPANY. IF YOU DO NOT ADREE WITH THEM OR DO NOT WANT THEM TO BE BINDING ON YOU. YOU SHOULD PROMPTLY RETURN THE PACKAGE UNDERSED FOR A FULL REFUND.	
2. OWNERSHP It is hereby understood and agreed by you that Auto Meter Procudits, Inc., a private company, with offices at 141 V Em Sines Sycamore, Illinois, 60178, (LICENSOFR) is the owner of all right title and interest to the Program (PHOOPAM) recorded on the enclosed CD PCM and all subsequent copies theread integrated as of the program (PHOOPAM) recorded on the enclosed CD PCM and all subsequent copies theread integrated as of the program (PHOOPAM) recorded to the program (PAOPAM) to the POOPAM The Integrated as of the provincies of the product of our decigner was ownershing of all copies of the Software Issel The Licensee assumes of the software is recorded, but the Licensor relation software for and regulated the time of the intellation, used in equilation to muse of the Software Software is recorded, but the Licensor relation software and regulated barded from used the Software.	
3 UCENSE A In consideration of the payment of a license tee, which is a percentage of the price paid by Licensee for this product. License hereby grants Licensee a nonexclusive right to use and display this copy of the Program on a single battery testing device commonly identified by UCENSOR as its BCTI200J (Hester').	
B. Make one copy in mechine-readable form solely for backup or archival purposes for the computer which the Software is installed. The Software is protected by copyright law. At an express condition of this License, the End-User must perioduce on the copy Licensol's copyright notice and any other proprietary legends on the	
If you accept the Licenses Agreement, click on Accept.	
C Accept C Reject	
Cancel Continue	
Concel Continue	

6. The BCT-200J Download Application software will finish installing. Click on OK to return to the desktop.

BCT-200J Download Application Se	etup	
	BCT-200 Download Application Setup	
	BCT-200J Download Application Setup was completed successfully.	
	ОК	

## **STARTING THE PROGRAM:**

- 1. To run the BCT-200J Download Application software, click on START, PROGRAMS, BCT-200J DOWNLOAD APPLICATION.
- 2. The BCT-200J Download Application will start and the following screen will appear. Click Continue to move to the main screen.



## **USING THE PROGRAM:**

1. From this screen the features of the program can be accessed.

BCT-200J Download Application - V 2.0		
Previous Test Da	ta Sheet	Next Test
Fleet/Dealer Name: Your Fleet/Dealer Name	Location: Your Location	Code: Your Code

#### **SETUP MENU:**

Any changes made from this menu are saved and reloaded each time the program is ran.



1. Set Fleet /Dealer Name. This menu option sets the Fleet/Dealer name that will appear on all displays and printouts. Click on the menu item and the following window will appear.

nter Your Fleet/Depler Name	ОК

Enter the Fleet/Dealer Name and click OK to save. Click Cancel to close the window without saving.

2. Set Fleet/Dealer Location. This menu option sets the Fleet/Dealer Location that will appear on all displays and printouts. Click on the menu item and the following window will appear.

Change Fleet/Dealer Info	
Enter Your Location	ОК
Sycamore, IL	Cancel

Enter the Fleet/Dealer Location and click OK to save. Click Cancel to close the window without saving.

3. Set Fleet/Dealer Code. This menu option sets the Fleet/Dealer Code that will appear on all displays and printouts. Click on the menu item and the following window will appear.

Enter Your Fleet/Dealer Code	ОК
	Canaal

Enter the Fleet/Dealer Code and click OK to save. Click Cancel to close the window without saving.

4. Set Com Port. This sets which PC serial port will be used to download the data from the BCT-200J. Click on the menu item and the following window will appear.

🦟 Com Port Setup		
Set PC Communication	Com #	•
	Com 1	
	Com 2	
1	Com 3	Ξ
ОК	Com 4	
	Com 5	_
	Com 6	
	Com 7	
	Com 8	$\overline{\mathbf{v}}$

Click on the small arrow on the serial port list box. A list of serial ports will appear. Select the serial port that will be used to connect to the BCT-200J. Click OK to save. Click Cancel to close the window without saving.

**Note:** The serial port must be set correctly before a download can occur. If a serial port is selected that does not exist then an error will occur while attempting a download and the program will close. If this happens, reopen the program and set the serial port correctly as described above.

5. Set Options allows a selection between showing VIN or Serial # and Mileage or Hours.

Set Options	
Use VIN	○ Use Serial #
Use Mileage	○ Use Hours
	ОК

# FILE MENU:

File	Setup Help	
	Download Open Save	vious Test
	Save As Print Exit	ame: AutoMeter

1. Download. This option will download the data from a BCT200J and save the data to a text file on the PC. Before choosing this option connect the round 6 pin plug of the AC-10 cable into the jack at the top of the BCT-200J. Connect the 9-pin DB connector of the AC-10 cable to a serial port on the computer.

**Note:** Some newer computers and laptops do not have an RS232 serial port but do have USB ports. In order to perform the data download, a USB to RS232 converter will be required. Connect the AC-10 Cable to the RS232 port on the converter. Make sure the serial port is selected correctly as described above.

Select the Clear BCT Data After Download box before clicking Start to automatically delete the data from the BCT-200J after the download is complete.

Click on the Start button to begin the download.

🐝 Set Download File Name	×
Status: Idle Note: Connect serial cable to PC and to unit and select DOWNLOAD from unit's menu before clicking Start.	<u>S</u> tart <u>C</u> ancel
🗌 Clear BCT Data After Download	

As the data is downloaded the status line will show downloading and the time duration of the download.

Status: Downloading	Time: 2.4s	<u>S</u> top
Note: Connect serial cab select DOWNLOAD from clicking Start.	le to PC and to unit and unit's menu before	<u>C</u> ancel

When the download is complete, the data will automatically be saved as a text file with the following filename format:

#### BCTData\_YYYY-MM-DD-HH-MM.txt

The data will be saved in the directory where the BCT-200J Download Application software is located. (Refer to INSTALLATION on pages 2 - 5.) After saving, the data will also be loaded into the program.

2. Open: This will open a previously saved file. Select the path and file to be opened.

🥌 Set File To Open						×
	I Download	Application		✓ 4 Search		P
🎍 Organize 🝷 🎬 Views	🔹 📑 Ne	w Folder				?
Favorite Links	Name	Date taken	Tags	Size	Rating	
Documents	BCTDa	ta_YYYY-MM-DD I	H-MM.txt			
Desktop						
Computer						
Pictures Music						
Searches						
k Public						
Folders ^						
File nam	ne:			<ul> <li>▼ Text Files (*.t</li> <li>Open</li> </ul>	kt) Can	• cel

Click Open, a window will be displayed with the file choice. The file choice can be changed by clicking Browse.



Click OK to load in the file.

- 3. Save: Clicking this button will save the data in the program to the current file.
- 4. Save As: This will save the data into a file selected by the user.

Set File Name						×
● ● ● ● ■ • BCT-200	l Download	Application		<ul> <li>✓ </li> <li>✓ </li></ul>	h	P
🎍 Organize 🝷 🎬 Views	🝷 📑 Ne	w Folder				?
Favorite Links	Name	Date taken	Tags	Size	Rating	
Documents	BCTDa	ta_YYYY-MM-DD I	HH-MM.txt			
Recent Places						
Desktop						
Karaka Computer						
Recently Changed						
Pictures						
Music						
Searches						
🐌 Public						
Folders ^						
File nam	ne:			Text Files (*.     Open	.txt)	► el

Select or type in the filename, then click Open. Another window will be displayed with the filename where the data will be saved.

Set File to Save	lo	
Save To File:	C:\Program Files (x86)\BCT-200J Downld	Browse
		ОК
		Cancel

Click OK to save the data. If the file already exists a message box will appear.

Set File to Save To	×
Replace existing file?	
Yes	No

Click Yes to overwrite the file or click No to cancel the save.

- 5. Print: This menu option will print the data that is displayed on the main window.
- 6. Exit: This will exit the program.

## **HELP MENU:**

File Setup	Help	
	Help About	st

1. Help. This will open a window that will display various help topics. Click on the option to display the help for that subject. Click OK to close the help window.



2. About. This will open a window that describes the program. Click OK to close this window.



### **DATA DISPLAY WINDOW:**

This is the window that displays the downloaded and entered information. The Next and Previous buttons will move forward and backward through the data.

Intervious Test       Battery Data Sheet       Next Test         VERSION 4.06PM         Fleet/Dealer Name:       AutoMeter       Location:       Sycamore, IL       Code:       0001         VIN:       Vehicle ID Number:       00000       Mileage:       Image:       Im	BCT-200J Download Ap	plication - V 2.0 C:\Program	Files (x86)\BCT-200J Downlo	ad Application\BCTData_Y	YYY 🗆 🔍 📈
Previous Test       Battery Data Sheet       Next Test         VERSION 4.06PM         Fleet/Dealer Name: AutoMeter       Location: Sycamore, IL       Code: 0001         VIN:       Vehicle ID Number: 000000       Mileage:         Technician Number: 0000       Repair Number:       Date:         Customer:       0000       Repair Number:       Date:         12V Battery Test       Comments:       Time:         Test#:       1       Date/Time: 01/01/05 12:00AM         GOOD, NEEDS CHARGE       Date/Time: 01/01/05 12:00AM         Yoltage:       11.92V.       Charge:       13%         Estimated CCA:       500A.       Estimated CCA:       530A.         Temperature:       77F.       Loaded Voltage:       NA         Date Code:	le Setup Help				
Fleet/Dealer Name: AutoMeter       Location: Sycamore, IL       Code: 0001         VIN:       Vehicle ID Number: 000000       Mileage:         Technician Number:       0000       Repair Number:       Date:         Customer:       Comments:       Time:       Image:         12V Battery Test       Comments:       Image:       Image:         12V Battery Test       Date/Time:       01/01/05 12:00AM         GOOD, NEEDS CHARGE       Voltage:       11.92V.       Charge:       13%         Voltage:       11.92V.       Charge:       13%       Type:       LEAD-ACID         Rated CCA:       500A.       Estimated CCA:       530A.       Temperature:       77F.         Loaded Voltage:       NA       Date       Image:       Image:       Image:       Image:         Date Code:       Image:       Image:       Image:       Image:       Image:       Image:	Previ	ous Test Ba	ttery Data Sheet	Next Tes	st ERSION 4.06PM
VIN:       Vehicle ID Number: 00000       Mileage:         Technician Number:       0000       Repair Number:       Date:       Time:         Customer:       Comments:       Comments:       Image:       Image:         12V Battery Test       Date/Time:       01/01/05 12:00AM         GOOD, NEEDS CHARGE       Date/Time:       01/01/05 12:00AM         Voltage:       11.92V.       Charge:       13%       Type:       LEAD-ACID         Rated CCA:       500A.       Estimated CCA:       530A.       Temperature:       77F.         Loaded Voltage:       NA       Date       Date       Date       Date	Fleet/Dealer Nam	e: AutoMeter	Location: Syca	nore, IL Code	: 0001
Technician Number: 0000 Repair Number: Date: Time:   Customer: Comments:     12V Battery Test   Test#: 1 Date/Time: 01/01/05 12:00AM   GOOD, NEEDS CHARGE   Voltage: 11.92V. Charge: 13% Type: LEAD-ACID   Rated CCA: 500A.   Estimated CCA: 530A.   Temperature: 77F.   Loaded Voltage: NA   Date Code:	VIN:	Vehicle	ID Number: 000000	Mileage:	
Customer:       Comments:         12V Battery Test       Date/Time: 01/01/05 12:00AM         GOOD, NEEDS CHARGE       Date/Time: 01/01/05 12:00AM         Voltage:       11.92V.         Charge:       13%         Type:       LEAD-ACID         Rated CCA:       500A.         Estimated CCA:       530A.         Temperature:       77F.         Loaded Voltage:       NA         Date Code:	Technician Numb	er: 0000 Repair Num	ber: C	ate: Tin	ne:
12V Battery Test         Test#:       1         Date/Time:       01/01/05 12:00AM         GOOD, NEEDS CHARGE         Voltage:       11.92V.         Charge:       13%         Type:       LEAD-ACID         Rated CCA:       500A.         Estimated CCA:       530A.         Temperature:       77F.         Loaded Voltage:       NA         Date Code:	Customer:		Comments:		
Test#:1Date/Time:01/01/05 12:00AMGOOD, NEEDS CHARGEVoltage:11.92V.Charge:13%Type:LEAD-ACIDRated CCA:500A.500A.530A.530A.530A.Temperature:77F.Loaded Voltage:NA500A.500A.Date Code:500A.500A.500A.500A.Goode:500A.500A.500A.500A.Temperature:77F.500A.500A.500A.Goode:500A.500A.500A.500A.Temperature:77F.500A.500A.Date Code:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.Temperature:500A.500A.500A.<	12V Battery Test				
GOOD, NEEDS CHARGEVoltage:11.92V.Charge:13%Type:LEAD-ACIDRated CCA:500A.500A.530A.530A.Temperature:77F.57F.576.500A.Loaded Voltage:NA500A.500A.500A.Date Code:500A.500A.500A.	Test#: 1		Date/Time: 0	1/01/05 12:00AM	
Voltage:11.92V.Charge:13%Type:LEAD-ACIDRated CCA:500AEstimated CCA:530ATemperature:77FLoaded Voltage:NADate Code:	GOOD, NEEDS	CHARGE			
Rated CCA:500A.Estimated CCA:530A.Temperature:77F.Loaded Voltage:NADate Code:	Voltage:	11.92V. Charge:	13% Тур	e: LEAD-ACID	
Estimated CCA:530A.Temperature:77F.Loaded Voltage:NADate Code:	Rated CCA:	500A.			
Temperature:77F.Loaded Voltage:NADate Code:	Estimated CCA:	530A.			
Loaded Voltage: NA Date Code:	Temperature:	77F.			
Date Code:	Loaded Voltage:	NA			
	Date Code:		-		

- 1. PM Data Sheet
- 2. Battery Data Sheet
- 3. Battery Bank Data Sheet
- 4. Starter Data Sheet
- 5. Alternator Data Sheet
- 6. Mag Circuit Data Sheet
- 7. Main Cables Data Sheet
- 8. Charge Cables Data Sheet
- 9. Voltage Drop Data Sheet
- 10. Liftgate Charge Cables VDrop Data Sheet
- 11. Liftgate Motor Cables VDrop Data Sheet
- 12. Liftgate Truck Cables VDrop Data Sheet

Some data sheets have a warranty claim option where the data can be saved to a claim file. Enter the Warranty Claim #, VIN #, Repair number and mileage then click on the Save To Claim File button. A warranty claim file will be created that contains the associated data sheet(s). For alternator and starter claim files the number of tests to save to the claim file can be set so that previous tests (i.e. cable drop tests and battery tests) will also be documented in the claim file.

The format of the claim file name is:

Claim\_Code#\_VIN#.txt (i.e. Claim\_0001\_ABCDEF12345.txt)

The file will be saved in the directory where the BCT-200J Download Application software is located. (Refer to INSTALLATION on pages 2 - 5.)

Prev Warranty Claim #	ious Test #:	Battery	Warranty Save To Cla	Data Shee	t 💽	VERSION 4.06PM
Fleet/Dealer Nar	ne: AutoMeter		Loc	ation: Sycamor	e, IL	Code: 0001
VIN:			D Number:	000000	Mileage:	
Technician Numl	per: 0000	Repair Numl	per:	Date	:	Time:
Customer'	10000		ommonte ·	Jaio	. 1	
Customer.		C	omments.			
12V Battery Test						
Test#: 4			Da	te/Time: 12/0 <sup>-</sup>	I/05 01:10AM	И
BAD BATTERY	•					
Voltage:	12.20V.	Charge:	47%	Туре:	LEAD-ACI	D
Rated CCA:	500A.					
Estimated CCA:	100A.					
Temperature:	5F.					
Loaded Voltage:	NA					
Date Code:	[					