

INSTALL GUIDE

EVA-MT-02-01 EVOM™ Auto Automated TEER Measurement System

Serial No._____

www.wpiinc.com

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ABOUT THIS MANUAL

The following symbols are used in this guide:



This symbol indicates a CAUTION. Cautions warn against actions that can cause damage to equipment. Please read these carefully.

 \triangle

This symbol indicates a WARNING. Warnings alert you to actions that can cause personal injury or pose a physical threat. Please read these carefully.

NOTES and TIPS contain helpful information.



Fig. 1—The EVOM™ Auto with 96 high throughput screening (HTS) electrode array simplifies transepithelial electrical resistance (TEER) measurement in 96-well HTS plates from MatTek, Corning, and Millipore multiwell plates.

The EVOM[™] Auto automates measurements of TEER in epithelial or endothelial monolayers cultured on 96-well high throughput screening (HTS) plates utilizing our innovative EVOM technology, qualitatively measuring cell monolayer health and quantitatively measuring cellular confluence by reaching an increase or a plateau in tissue resistance.

Automated measurement of tissue resistance in cell culture microplates provides the advantages of speed and precision, minimizes the chances of contamination, and ensures the rapid availability of measured resistance data. EVOM™ Auto applies a 12.5 Hz square wave current with switching polarity, which mitigates the chances of charging the sample and nullifies the chances of measurement technique having any adverse effects on the sample. Therefore, it is considered non-invasive measurement. EVOM™ Auto is designed for the non-destructive, high throughput screening of epithelial monolayer confluence and barrier function studies in cell cultures.

INTRODUCTION

The EVOM[™] Auto automates TEER measurements. The instrument is controlled through a web browser, and the measurements are stored in the instrument and downloaded to your computer through the web browser. At present, the instrument supports MatTek, Corning, and Millipore 96 well plates. EVOM[™] Auto is controlled wirelessly via Wi-Fi connectivity using an iPad (included with the system) or any other device with Wi-Fi connectivity.

Features

Features	Advantages	Benefits
Electrodes available for 96- well HTS plates	Measure 96-wells, a column at a time	Save time by automating your process and move through a plate quickly
Automate your measurements	Streamline your workflow	Minimize human errors
Three rinse locations	You may rinse your electrodes multiple times during a measuring sequence	Take control of your protocol and define the sequence you need and minimize the chance of cross- contamination
Crash protection	System automatically detects a misalignment and pauses measurements to prevent equipment damage	Minimize electrode damage
Auto-detection of electrode head	System automatically detects your electrode and configures its position for your plate	Hardware setup is easy and requires no configuration
Intuitive touchscreen user interface	Programming your sequences is simple with the informative application, allowing you to save programs and protocols	Easy-to-navigate system saves time when configuring sequences or loading saved sequences
Confirm or create a custom plate profile in Expert software mode	You can adjust the programmed coordinates	With complete control of the system, you can fine tune the programming as desired
Store all your data or export to Excel	You can analyze your data in a manner suitable to your workflow	Flexibility to manage your data with time and date stamps and saved information about protocols or parameters used to collect datasets

Notes and Warnings:

CAUTION: Never set anything (especially liquids) on top of the autosampler.

CAUTION: When you move or relocate the instrument, remove the front cover/lid, which can fall off. For example, you may move the system in and out of a cell culture hood. Always remove the EVOM™ Auto's front cover anytime the system is lifted and moved from one location in the lab to another, and reinstall the cover after the system has been placed at a new location.

TIP: Before you begin experimenting, verify the time zone setting is set correctly on your iPad control tablet. For instructions, visit the support.apple.com page.

Parts List

After unpacking, verify that there is no visible damage to the equipment. Verify that all items are included:

- (1) Autosampler* with plate alignment option for MatTek, Corning or Millipore plates
- (1) 96 HTS Electrode Array
- (1) iPad Generation 9 Control Tablet
- (1) Interface Unit
- (1) Interface Unit Cable
- (1) Power Supply Unit
- (2) Wi-Fi Adaptor
- (3) Plate Alignment Tools (for MatTek, Corning 96 and Millipore)
- (1) Instruction Manual is available online at www.wpiinc.com/manuals.

* The autosampler is adjusted for MatTek, Corning or Millipore plate by WPI, as requested by the end user. The system may be adjusted to use with other plate types in the Expert mode by users. (Refer to the Install Guide for instructions.)

Unpacking

Upon receipt of this instrument, make a thorough inspection of the contents and check for possible damage. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed damage should be reported at once to the carrier and an inspection requested. Please read the section entitled "Claims and Returns" on page 31 of this manual. Please contact WPI Customer Service if any parts are missing at (941) 371-1003 or wpirms@wpiinc.com.

Returns: Do not return any goods to WPI without obtaining prior approval (RMA # required) and instructions from WPI's Returns Department. Goods returned (unauthorized) by collect freight may be refused. If a return shipment is necessary, use the original container, if possible. If the original container is not available, use a suitable substitute that is rigid and of adequate size. Wrap the instrument in paper or plastic surrounded with at least 100mm (four inches) of shock absorbing material. For further details, please read the section entitled "Claims and Returns" on page 31 of this manual.

INSTRUMENT DESCRIPTION

EVOM™ Auto System



Fig. 2—The EVOM^m Auto System, includes the Control Tablet, the autosampler, the interface unit and the power supply (not shown).

The EVOM[™] Auto consists of these major components:

- Autosampler The robot contains the electrodes, a 3-compartment rinse stations, and a well plate. The autosampler may be placed inside an incubator for long term studies, if desired. It may also be used inside a cell culture laminar hood.
- Interface Unit This unit connects through a cable to the autosampler. This unit is a Wi-Fi access point to which the tablet connects to interface with the instrument.
- **Power Supply** The power supply provides power to the autosampler and the interface unit. The cable plugs into the interface unit power supply port and a standard wall outlet.
- **iPad** The tablet with Wi-Fi capabilities runs a browser-to-interface application to communicate with the system.
- **Wi-Fi Adapter** The Wi-Fi adapter plugs into one of the four USB ports on the right side of the interface unit. It has a range of about 15.2 m (50 ft.), and it allows the iPad to communicate with the interface unit.

Autosampler



Fig. 3—The autosampler takes the TEER measurements of the HTS well plate.

Here are the primary components of the autosampler.

Electrode Array Head – The electrode array rests in the Home position (shown in Fig. 3), just to the left of the rinse stations. The LED on the electrode array will:

- Flash green when good measurements are being made.
- Be a steady red on power up until the unit is in communication with the interface unit.
- Blink red when a bad measurement is made.
- Be a steady blue when it is in communication with the interface unit.

Well Plate Area – The HTS well plates are positioned in the well plate area.

Rinse Stations – Three rinse stations are located on the left side of the autosampler. These may be used for stabilizing, cleaning or chloridizing.



Interface Unit Connection Port – One end of the autosampler cable connects here and the other end connects to the interface unit. The autosampler power and communications travel through this cable.

Looking at the autosampler measurement plate from the top, you can see the:

- 4 Base Positioning Knobs used when you need to reposition the well plate when you are changing plate manufacturers
- Rinse Station Pocket where the rinse station slides into place
- 4 Well Plate Pins used for positioning the well plate precisely
- Spring loaded Well Plate Handle used to hold the well plate in place.



Fig. 4—Top view of the measurement plate on the autosampler

Interface Unit



Power Button – Press the power button to turn on the interface unit and the autosampler. When it is powered on, a blue ring illuminates the button.

Autosampler Cable –This cable plugs into the autosampler cable connector on the interface unit and the interface unit connection port on the left side of the autosampler.

Interface Unit Power Supply Port – Plug the power supply cable into this port.

Ethernet Connection Port – This port may be used to connect to your local area network through a standard ethernet cable. Using this option requires interfacing with your local network and observing all your IT policies.

USB Ports (4) – Use one of these ports to connect the Wi-Fi adapter.

SYSTEM SETUP

The autosampler is packed with the lid taped in place. Remove all the components from the packing materials, and remove the protective tape.

CAUTION: When you move or relocate the instrument, remove the front cover/lid, which can fall off. For example, you may move the system in and out of a cell culture hood. Always remove the EVOM™ Auto's front cover anytime the system is lifted and moved from one location in the lab to another, and reinstall the cover after the system has been placed at a new location.

Setting up the System

- 1. Remove the safety tape from the lid, and remove the lid from the autosampler.
- 2. Connect the interface unit to the autosampler using the interface cable. Connect one end to the interface unit connection port on the autosampler (Fig. 7) and connect the other end to the autosampler cable connection port on the interface unit (Fig. 8). Line up the pins on the connector with the port and press the connector firmly into place.



Fig. 7—*Line up the pins_and connect the interface cable to the autosampler.*



Fig. 8—Line up the pins and connect the interface cable to the interface unit.

3. Connect the power supply wall adapter to the wall outlet, and insert the barrel connector into the interface unit power supply port on the interface unit.



Fig. 9—Connect the power cable to the interface unit.

4. Install the provided Wi-Fi adapter into any one of the four USB ports on the side of the interface unit.



Fig. 10—The Wi-Fi adapter is installed in one of the four USB ports on the side of the interface unit.

NOTE: You must install the electrode array before powering on the system.

5. The autosampler ships with a red electrode array lock in place (Fig. 11). To remove it, loosen the base positioning knob in the left rear corner of the measurement plate that secures the lock (Fig. 12). This reveals the electrode array connection port (Fig. 13). Remove the lock and reinstall the knob.



Fig. 11—The autosampler ships with a red lock to prevent the electrode array connection port from moving during transit.



Fig. 12—Remove the thumbscrew that secures the lock.



Fig. 13—When the lock is removed, you have access to the electrode array connection port.

6. Make sure that there are no well plates installed on the autosampler and make sure that the rinse station block is not installed on the autosampler plate.



Fig. 14—This autosampler has no well plate and no rinse station installed.

CAUTION: Never set anything (especially liquids) on top of the autosampler.

Installing the Electrode Array Head

1. Locate the electrode array box and carefully remove the electrode array. It is shipped with a red protective sleeve to prevent damage to the electrode tips.



Fig. 15— The electrode array is packaged with a protective sleeve secured with a heavy Velcro strap.

- 2. Remove the red electrode protection shield by releasing the Velcro strap.

- Fig. 16—Remove the protective sleeve.
- 3. Make sure that the autosampler is in the home position on the left side of the unit.
- 4. Locate the electrode array connection port on the back wall of the autosampler.



Fig. 17—*The electrode array connection port is on the back wall of the autosampler.*

5. Place the electrode array in front of the connection port and line it up. Hold the top left corner of the autosampler with your left hand. With the electrode array in your right hand and with the electrode tips pointing down, line it up with the connection port. Press firmly until it stops and you hear a click. Then give it a little tug (without pushing the button on the side) to bring it forward. This helps with alignment of the electrode with the plate.

NOTE: To remove the electrode array, depress the button on the left side of the array and pull it straight out of the connection port. The electrode array should

only be removed when the system is powered off by pressing the power button on the interface unit.

NOTE: The electrode array needs to be installed before trying to power up the unit, otherwise the software will not recognize the device and will not connect.



Fig. 18—Hold the top of the autosampler with one hand, line up the electrode array with the connection port and press the electrode array into the connection port until it clicks. Then, give it a little tug to bring it forward as much as possible.



Fig. 19—Depress the button on the left side of the electrode array until you hear a click. Then, pull the array out to remove the electrode array.

Starting the System

NOTE: Before you begin using the iPad, your IT department should register the device so that it is properly licensed to the organization. An iCloud account should be established to upload files. When you receive it, the iPad will be configured to begin using the autosampler, but it is recommended that you register it to your organization for optimal use of the device.

NOTE: On the iPad, the screen timeout was set to the maximum. If you are planning to use a different device to operate the EVOM[™] Auto, set the screen timeout to the maximum. If the device screen turns off or goes into the sleep mode, it will disrupt the web browser connectivity with the autosampler. In this case, the web-browser window needs to be closed and launched each time to reestablish the connection

1. Power on the system by pressing the power button on the interface unit. Make sure the LED in the electrode array head is lit red (Fig. 17). The blue ring around the button on the interface unit illuminates (Fig. 21).



Fig. 20—The electrode array LED is illuminated red.



Fig. 21—The blue ring illuminates around the power button, when the unit is powered on.

- 2. Allow the system to boot up. On the iPad, navigate to the Setting area and select Wi-Fi. Select your EVOM system when it appears as an available network on the list of Wi-Fi networks. (This may take up to 5 minutes. The electrode array will move to its home position as a self test during this time to establish the connection). The network will be named EVOM_AUTO_X where X is unique to the system. The password is *rems2rems2*.
- 3. If there is more than one EVOM[™] Auto systems being used with the iPad, you will need to go to the Wi-Fi settings on the iPad to select your device in order to establish a connection. Sometimes the bookmarked URL may not work to establish a connection. If a connection is unsuccessful, ensure that the iPad is connected to the correct Wi-Fi network for your EVOM[™] Auto, and then open the Safari browser and navigate to https://192.168.54.1:5000.



Fig. 22—Safari icon located on the iPad's desktop.

NOTE: You may use a computer browser to access the software. Once you are connected, open your browser and enter the URL 192.168.54.1:5000.

TIP: Add a icon to your iPad home screen to open the application in full screen mode. See "Appendix D: Adding Link to iPad Home Screen" on page 29.

4. The Initializing window displays (Fig. 23) showing the progress. The window briefly displays a Machine Ready message when the initialization is complete (Fig. 24). Then, the *Main* window appears (Fig. 25).

Checking Machin	e State
Connecting to Instru	ment
Fig. 23—Initialization screen.	

Checking Machine State	
Machine Ready	

Fig. 24—Machine ready message displays briefly.

WORLD PRECISION INSTRUMENTS	MAIN	Version 1.0 + 96-Well Array (Online) + C96-HTS
EXPERIMENT MANAGE SEQUENCE V	EXPERT MAINTENANCE	
BLANK 1 2 3 4 A A A A A A A B B A A A A A A B B C A A A A A A C C C A <	5 6 7 8 9 10 11 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CURRENT STATE
	© Copyright 2023. World Precision Instruments. All rights reserved.	

Fig. 25—Main screen.

Installing the Rinse Stations

- 1. Ensure that the electrode array is in the home position. Navigate to the *Experiment* window on the tablet and press the *Go Home* button.
- 2. Slide the rinse station into the pocket on the left side of the measurement plate.



Fig. 26—Slide the rinse station into the pocket.

NOTE: The notched corner of the rinse station should be located in the front left corner.



Fig. 27—The rinse station is positioned so the three wells are on the right side of the pocket.

Installing the Well Plates

- 1. Ensure that the electrode array is in the home position.
- 2. Your well plate needs to be positioned in between the alignment pins on the measurement plate with the notched corner and the A1 well in the back left corner. To place the plate:
 - Pull the spring-loaded handle back to retract the locking mechanism.
 - Then align the plate and position it before you release the handle.



Fig. 28—Align the well plate between the pins with the notched corner of the plate in the left rear corner.



Fig. 29—(Left) Retract the spring loaded clip on the well plate handle. Fig. 30—(Right) Align the plate between the well plate pins and release the handle.

NOTE: If you choose to use a different well plate manufacturer, you need to verify the alignment and adjust the system for the new plate dimensions. See "Verifying Alignment" on page 18.

Verifying Alignment

To ensure that the electrode array alignment was preserved during the shipping process, verify the alignment.

1. Place the appropriate plate alignment tool (MatTek, Corning or Millipore) in the well plate location as described in "Installing the Well Plates" on page 17.



Fig. 31—Install the plate alignment tool where a well plate would go.

- 2. On the Main window select the appropriate plate from the drop-down on the right side of the header area under the logo. (C96_HTC for Corning 96, M96_HTC for Millipore 96 or MT96_HTC for MatTek 96).
- 3. Select the Expert menu to open the Expert window. Press the Measure Position button. The electrode array travels horizontally and then lowers the electrodes to the measurement depth. The tips of the electrodes should stop just above the height of the plate alignment tool. The top surface of the alignment plate represents the location of the bottom of the membrane on the well plate. The electrodes should always be above this height (about 1mm). If the depth measurement is correct, continue with the alignment check. If not, see "APPENDIX A: Using Expert Mode to Position Well Plate" on page 20.



Fig. 32—The tips of the electrodes should stop just above the alignment tool without touching it.

4. Select the Experiment menu to open the Experiment window, and press the *Go Home* button to send the electrode array to its home position.



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Fig. 33—The controls for the experiment are in the panel on the right side of the window.

- 5. Remove the plate alignment tool and install the selected well plate.
- 6. From the *Plate Name* drop-down field in the *Details* area on the right side of the window, select *Alignment Check*.
- 7. From the Sequence Name drop-down field, select Alignment Sequence. This sequence directs the electrode array to travel to the first column and lower the electrode array to the measurement height. It then stays in that position for 10 seconds before moving to the last column and repeating the operation. Press the *Run* button in the Plate Controls area on the right side of the window to start the test sequence. If the electrode array is properly positioned, it will enter the first column and the last column easily and you are ready to begin making measurements.

Make sure the correct plate is properly positioned in the well plate area, and the correct plate coordinate file is used. For example, make sure the MT96_HTC is used with a MatTek plate. If the electrode array does not look like it is in position or does not travel over the plate correctly, see "APPENDIX A: Using Expert Mode to Position Well Plate" on page 20.

APPENDIX A: USING EXPERT MODE TO POSITION WELL PLATE

In Expert mode, you can adjust the positions of the first column in the X direction and the depth of measurement (Z direction). If the position of the electrodes needs to be adjusted, select the *Expert Mode* menu. When entering the Expert mode, a warning displays indicating that potential damage to the instrument is possible (Fig. 34). Use caution. Once you have read the instructions on how to use this mode, press *Yes* to continue.



Fig. 34—Select Yes to continue.





There are two sections in the expert screen:

- Well Plate adjustments
- Rinse Station Adjustments

See Fig. 36.



Fig. 36—The Expert window has two sections: well plate adjustments and rinse station adjustments.

Well Plate Adjustments

The well plate adjustments set the position parameters related to the measurements performed on the well plate.

Travel Position Button – This button places the electrode array on column 1 above the well plate at the travel position. The travel position is the height at which the electrode array travels across the well plate when moving from one column to another.

Measure Position Button – This button lowers the electrode array into column 1 down to the measuring depth.

Left and Right Buttons – These buttons move the electrode array to the left or to the right in the X direction. However, before moving, they lift the electrode array to the travel position and then move it. If you wish to see the electrode array inside the well, you can press the *Measure Position* button, or if the *Lower After Adjustment* check box is selected, the electrode array automatically lowers after it moves left or right at the travel height.



Fig. 37—The Left and Right buttons allow you to move the electrode array on the X-axis.

Up and Down Buttons – These buttons move up or down in the Z direction. Use this adjustment to set the measuring height to make sure it does not puncture the membrane on the well plate. When using the alignment plate make sure that none of the electrodes touch the plate surface and some clearing distance is added.



Fig. 38—The Up and Down buttons allow you to move the electrode array on the Z-axis.

Adjusting the Electrode Array Position

- 1. Select *Expert* from the main menu. A warning displays. Click the *Continue* button.
- 2. Press the Go *Home* button to place the electrode array away from the well plate area.
- 3. Install the appropriate alignment plate tool in the position of the well plate. This is a critical step.
- 4. Press the *Travel Position* button in the *Rinse Station Adjustments* area of the window (Fig. 39). This will move the electrode array to the position above rinse station 2. The electrodes' horizontal position is adjusted at the factory to place them in the center of the rinse station.

Rinse Station Adjustments



Fig. 39—In the Rinse Station Adjustment area, press the Travel Position button to move the Array over rinse station 2.

- 5. Press the *Rinse Position* button in the *Rinse Station Adjustments* area. This moves the electrode array to the rinsing position inside rinse station 2. Observe the depth and use the *Down* and *Up* buttons to lower or raise the electrode array, as needed.
- 6. In the *Well Plate Adjustments* area, make sure the *Lower After Adjustment* check box is unchecked.
- 7. Press the *Travel Position* button in the *Well Plate Adjustments* area. This places the electrode array above the plate alignment tool where the first column of wells should be.



Lower after adjustment

Fig. 40—In the Well Plate Adjustment Area, press the Travel Position button.

8. Press the *Measure Position* button to bring the electrode array to the measurement depth.



Fig. 41—*The electrode tips should be positioned above the plate, but should not touch it.*

- 9. Use the *Up* and *Down* buttons to change the measuring height as needed. Make sure that no electrodes are touching the alignment plate tool and that there is clearance for the electrodes. (See "Verifying Alignment" on page 18.)
- 10. Then, select the *Lower After Adjustment* check box to perform the left and right adjustments and visually verify the result at the measuring height (about 1mm above the alignment plate).
- 11. Once the initial alignment check is done with the plate alignment tool, the final check can be done with the appropriate well plate. Press the *Go Home* 🙂 button to return the electrode array to its home position. Then, install the appropriate well plate.
- 12. Unselect the *Lower after Adjustment* check box in the Well Plate Adjustment area.
- 13. Press the *Travel Position* button in the *Well Plate Adjustment* area. This will place the electrode array above the column 1.



Lower after adjustment



14. Visually verify that the electrodes are directly above the well plate openings. If necessary, use the *Left* and *Right* adjustment buttons to place the electrode array in the target area (X-axis adjustment).



Fig. 43—Make sure the electrodes align with the holes in the well plate.

15. If it is necessary to adjust the alignment front to back (Y-axis adjustment), loosen the four base positioning knobs. Then, move the Measurement Plate forward or backwards to line up the electrodes with the holes in the well plate. When you have the base plate in the correct position, tighten all the knobs.



Fig. 44—Four base positioning knobs are located in the corners of the Measurement Plate.

16. Once aligned, press the *Measure Position* button. The electrodes will descend to the measurement level inside the wells. Make sure the electrodes don't hit the sides of the plate. If necessary, use the *Left* and *Right* buttons and/or reposition the Measurement Plate again to place the electrodes in the optimal position.



Fig. 45—The electrodes are properly placed in the well plate.

- 17. Press the *Go Home* 🙂 button.
- 18. When you are satisfied with the position, click the *Save* button. This saves the settings, and they become the new operational set of parameters. Or, press the *Back* button to cancel the action. The changes will not be saved.
- 19. Press the Back Cbutton to return to the Main window.

APPENDIX B: RESTORE FACTORY DEFAULTS

If you need to restore the factory default parameters, press the *Restore icon* (2) at the bottom of the *Expert* window.

APPENDIX C: IPAD SETUP AUTO-LOCK

Ensure these iPad settings are properly configured for the best experience with EVOM™ Auto software. Check your EVOM™ Auto iPad to ensure that steps 1–4 (below) have been applied.

1. On the iPad, navigate to *Settings* Then, select *Display & Brightness*, and go to *Auto-Lock* at the bottom. Select *Never*. See Fig. 46 and Fig. 47.

Settings		Display & Brightness	
C Airplane Mode	0		
🛜 Wi-Fi	Not Connected		
8 Bluetooth	On	Light	Dark
Notifications		Automatic	0
Sounds		Text Size	,
C Focus		Bold Text	
Screen Time		DOID TEXT	
		BRIGHTNESS	
General		*	*
Control Center		True Tone	
AA Display & Brightne	955	Automatically adapt iPad display based on ambient in different environments.	lighting conditions to make colors appear consistent
Home Screen & M	lultitasking	Night Chift	04.5
Accessibility		Night Shirt	Uff y
🛞 Wallpaper		Auto-Lock	2 minutes >
Siri & Search			

Fig. 46— Select Auto-Lock from the Display & Brightness setting.

Settings	C Display & Brightness Auto-Lock
Airplane Mode	2 minutes
Wi-Fi Not Connected	5 minutes
Rivetooth Or	10 minutes
	15 minutes
Notifications	Never
Sounds	
C Focus	
Screen Time	
General	
Control Center	
AA Display & Brightness	
Home Screen & Multitasking	
Accessibility	
Wallpaper	

Fig. 47—Select Never.

4. From the home screen, while holding the iPad in landscape position, press the upper right corner of the screen and drag to the center without lifting the finger. This will bring up the following shortcut screen. See .



Fig. 48—Press the landscape auto lock. The icon will turn red.

APPENDIX D: ADDING LINK TO IPAD HOME SCREEN

By adding an EVOM[™] Auto icon to the home screen of your iPad, you can open the program in full screen mode. If you do not have a link on your iPad to connect to the EVOM[™] Auto software, follow steps 1–4 (below) to create the link.

- 1. To add a URL icon to the home screen, open Safari (or a web browser) and navigate to the URL (https://192.168.54.1:5000) on the tablet to load the EVOM[™] Auto software.
- 2. Click the share icon 🖆 found in the upper right corner of the tablet screen. A drop down menu list appears.



Fig. 49—*Icon set in the upper right corner of the tablet window. The share icon is the second one.*

3. Select Add to Home Screen. The Add to Home window appears.



Fig. 50—(Left) Select Add to Home Screen. *Fig.* 51—(Right) Enter EVOM Auto.

4. Enter "EVOM Auto" (or your preferred name for the icon) in the Add to Home window and click Add in the upper right corner. The new icon appears on your home screen. Tap the icon to open the webpage in full screen mode.

DECLARATION OF CONFORMITY



WORLD PRECISION INSTRUMENTS, LLC.

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DECLARATION OF CONFORMITY CE

We:

World Precision Instruments 175 Sarasota Center Boulevard Sarasota, FL 34240-9258 USA

As the **manufacture/distributor** of the apparatus listed, declare under sole responsibility that the product(s): WPI PN: EVOM AUTO

To which this declaration relates is/are in conformity with the following standards or other normative documents:

Low Voltage: EN 61010-1:2010+A1:2019 EMC: EN 61326-2-3:2013, EN 61326-1:2013 EN IEC 61000-3-2:2019+A1:2021 EN61000-3-3:2013+A1:2019+A2:2021

And therefore conform(s) with the protection requirements of Council Directive 2014/30/EU relating to electromagnetic compatibility and Council Directive 2014/35/EU relating to safety requirements and Council Directive 2011/65/EU relating to hazardous substances:

\frown			
11	Issued on:	August 10, 2022	
F-QC-006			Rev C

WARRANTY

WPI (World Precision Instruments) warrants to the original purchaser that this equipment, including its components and parts, shall be free from defects in material and workmanship for a period of one year* from the date of receipt. WPI's obligation under this warranty shall be limited to repair or replacement, at WPI's option, of the equipment or defective components or parts upon receipt thereof f.o.b. WPI, Sarasota, Florida U.S.A. Return of a repaired instrument shall be f.o.b. Sarasota.

The above warranty is contingent upon normal usage and does not cover products which have been modified without WPI's approval or which have been subjected to unusual physical or electrical stress or on which the original identification marks have been removed or altered. The above warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, misuse, failure of electric power, air conditioning, humidity control, or causes other than normal and ordinary usage.

To the extent that any of its equipment is furnished by a manufacturer other than WPI, the foregoing warranty shall be applicable only to the extent of the warranty furnished by such other manufacturer. This warranty will not apply to appearance terms, such as knobs, handles, dials or the like.

WPI makes no warranty of any kind, express or implied or statutory, including without limitation any warranties of merchantability and/or fitness for a particular purpose. WPI shall not be liable for any damages, whether direct, indirect, special or consequential arising from a failure of this product to operate in the manner desired by the user. WPI shall not be liable for any damage to data or property that may be caused directly or indirectly by use of this product.

Claims and Returns

Inspect all shipments upon receipt. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed loss or damage should be reported at once to the carrier and an inspection requested. All claims for shortage or damage must be made within ten (10) days after receipt of shipment. Claims for lost shipments must be made within thirty (30) days of receipt of invoice or other notification of shipment. Please save damaged or pilfered cartons until claim is settled. In some instances, photographic documentation may be required. Some items are time-sensitive; WPI assumes no extended warranty or any liability for use beyond the date specified on the container

Do not return any goods to us without obtaining prior approval and instructions from our Returns Department. Goods returned (unauthorized) by collect freight may be refused. Goods accepted for restocking will be exchanged or credited to your WPI account. Goods returned which were ordered by customers in error are subject to a 25% restocking charge. Equipment which was built as a special order cannot be returned.

Repairs

Contact our Customer Service Department for assistance in the repair of apparatus. Do not return goods until instructions have been received. Returned items must be securely packed to prevent further damage in transit. The Customer is responsible for paying shipping expenses, including adequate insurance on all items returned for repairs. Identification of the item(s) by model number, name, as well as complete description of the difficulties experienced should be written on the repair purchase order and on a tag attached to the item.

* Electrodes, batteries and other consumable parts are warranted for 30 days only from the date on which the customer receives these items.

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