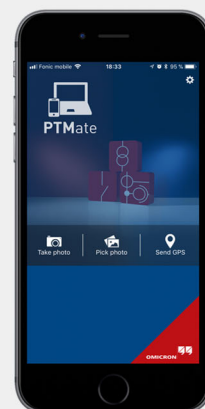




PTMate

Getting Started



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About this manual

This Getting Started provides information on how to set up and operate the *PTMate app* for *Primary Test Manager*.

- For detailed safety instructions and information on the test systems operated with *Primary Test Manager*, refer to the respective user documentation.

Safety symbols used

In this manual, the following symbols indicate safety instructions for avoiding hazards.



WARNING

Death or severe injury can occur if the appropriate safety instructions are not observed.

1 Introduction

1.1 About PTMate

PTMate is a simple, fast and easy-to-use companion for *Primary Test Manager*.

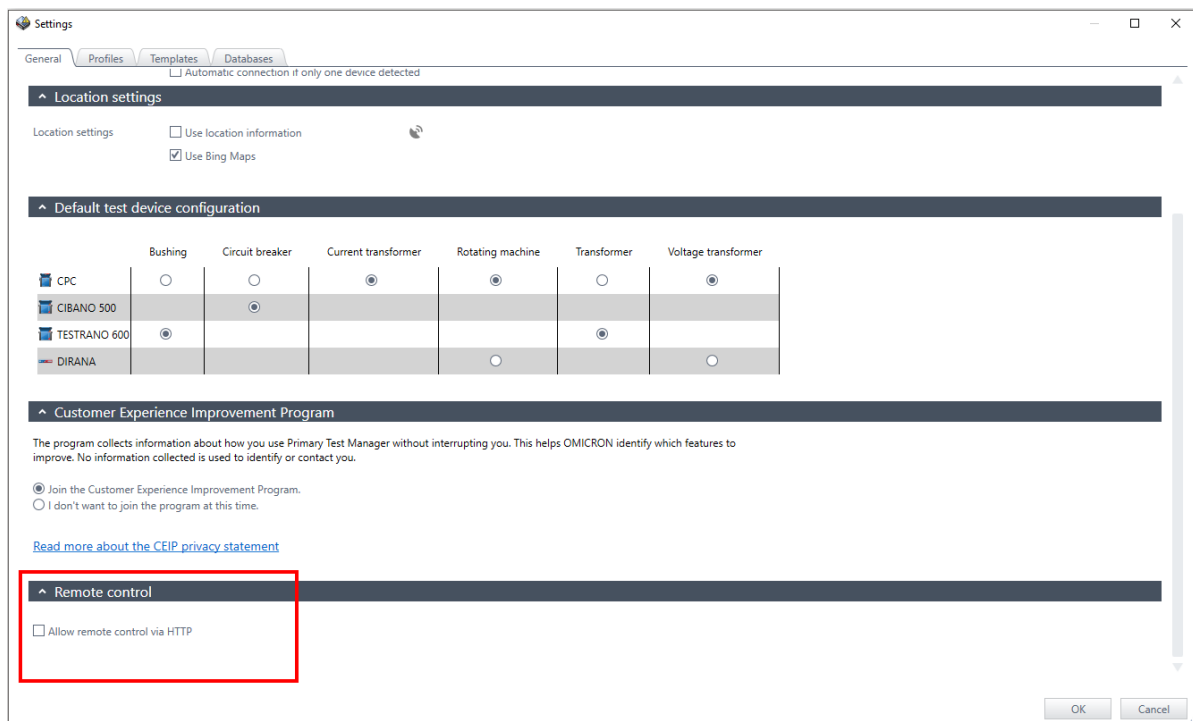
- ▶ Send images as attachments, either coming directly from your mobile phone's camera or from the photo gallery.
- ▶ Enhance your location data with GPS coordinates.
- ▶ Inspect the wiring diagram of the selected test remotely on your phone's display.
- ▶ Enjoy a unique feature set for *FRANEO 800* tests: Remotely start and stop individual measurements, clear incorrect results and consult results graph.

1.2 Connecting PTMate to Primary Test Manager

1.2.1 Configuring Primary Test Manager

Follow the steps below to set up *Primary Test Manager* for the connection to *PTMate*.

1. Start *Primary Test Manager*.
2. Go to **Settings > General > Remote control**:




PTMate Getting Started

3. If your computer is already connected to a Wi-Fi network, continue with "Computer with connection to Wi-Fi".
If your computer is not yet connected to a Wi-Fi network, continue with "Computer without connection to Wi-Fi".


Computer with connection to Wi-Fi

Connection details

Server IPs	192.168.32.153 [OEB8]
Port	12443
<input type="button" value="Start Wi-Fi access point"/>	
<input checked="" type="checkbox"/> Automatically start the Wi-Fi access point if no existing active Wi-Fi connection	
Wi-Fi access point	Not started
HTTP API	Online




Primary Test Manager automatically detects the connected network and your current IP is displayed in the **Server IPs** info box. If *Primary Test Manager* is connected to an existing WLAN network or has created a Wi-Fi access point, a QR code is displayed.

The bottom bar in *Primary Test Manager* displays a phone symbol  when the remote access is enabled.

Computer without connection to Wi-Fi



Connection details

SSID	Omicron_eXUFC
Password	E75BCA1B
Server IPs	192.168.137.1 [Wi-Fi access point]
Port	12443
<input type="button" value="Stop Wi-Fi access point"/>	
<input checked="" type="checkbox"/> Automatically start the Wi-Fi access point if no existing active Wi-Fi connection	
Wi-Fi access point	Started
HTTP API	Online



- Click the **Start Wi-Fi access point** button. *Primary Test Manager* will create a new WLAN network with the displayed SSID. Each *Primary Test Manager* instance has its own SSID-password combination.
- If the **Start Wi-Fi access point** button is disabled, run *Primary Test Manager* as Admin and click the **Reset configuration** button.


If *Primary Test Manager* is connected to an existing WLAN network or has created a Wi-Fi access point, a QR code is displayed.

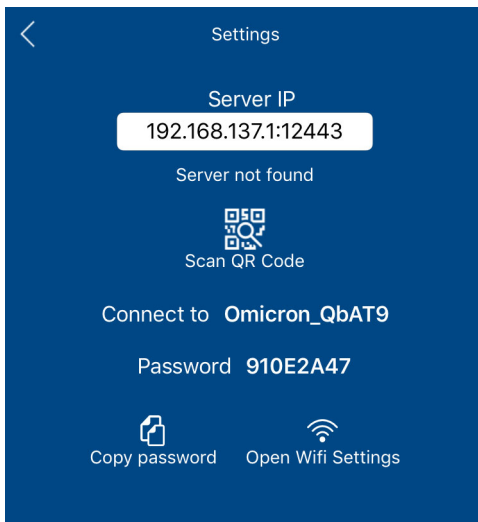
The bottom bar in *Primary Test Manager* displays a Wi-Fi symbol  when the Wi-Fi access point is enabled, and a phone symbol  when the remote access is enabled. The Wi-Fi access point stays active until you press **Stop Wi-Fi access point** or exit *Primary Test Manager*.

Note: If the computer is not connected to a WLAN network and **Remote control** is enabled, *Primary Test Manager* will automatically attempt to set up a Wi-Fi access point if you checked the corresponding check box.

1.2.2 Configuring PTMate on the smartphone



PTMate is available for iOS (in the App Store) and for Android (in the Google Play Store).

1. Download and start *PTMate* and go to **Settings**.
2. Press the **Scan QR Code** button  and scan the QR code displayed in the *Primary Test Manager* settings. *PTMate* will automatically configure the **Server IP** address and display the Wi-Fi network SSID information:




On Android phones the app will attempt to automatically connect the phone to the Wi-Fi network; on iPhones this feature is not supported.

Follow the steps below to establish a connection on either platform:

1. Tap **Copy password**  to copy the password to the clipboard.
2. Tap **Open WiFi Settings** .
3. Choose the network with the SSID displayed in *PTMate*.
4. Paste the password when prompted.

PTMate should now display **Connected** under the **Server IP** box (this may take few seconds).

Multiple smartphones or tablets can be simultaneously connected to *Primary Test Manager*. The bottom bar in *Primary Test Manager* displays the number of active remote connections: .

1.2.3 Configuring PTMate on the Apple Watch

An Apple Watch paired with an iPhone running *PTMate* shares the same Wi-Fi and uses the same Server IP address as the app.

- Make sure to **first** configure the *PTMate* app and then start the Apple Watch app. The configured IP address will be displayed on the bottom of the Apple Watch screen.

The Server IP is transferred from *PTMate* to the Apple Watch:

- When the Apple Watch app is started
- When there is a Server IP change in the *PTMate* **Settings** dialog

Note: The *PTMate* app for Apple Watch directly connects to *Primary Test Manager* (*not* via the **PTMate** app).




2 Working with PTMate

2.1 PTMate smartphone app



2.1.1 General features

PTMate automatically adjusts based on the active view in *Primary Test Manager*.

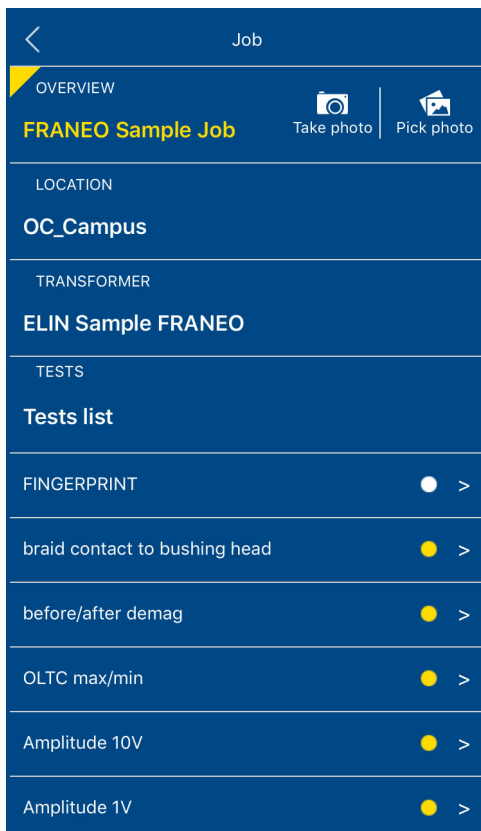
Location

- ▶ Press **Take photo**  to add a photo you take with your camera or **Pick photo**  to add a photo from your gallery.
- ▶ Press **Send GPS**  to transfer your mobile device's GPS data to *Primary Test Manager*.

Asset

- ▶ Press **Take photo**  to add a photo you take with your camera or **Pick photo**  to add a photo from your gallery.

Job





The *PTMate* job view mirrors the navigation panel in *Primary Test Manager*.

You can navigate through the job and individual tests, add photos and GPS data (depending on the active view), and display the wiring diagram.

- ▶ Tap the wiring diagram to zoom and pan the image.

Each measurement indicates its execution status:

-  Measurement has not been executed
-  Measurement has been executed

The selected measurement is marked yellow.

- ▶ For information about working with *FRANEO 800*, refer to 2.1.2 "FRANEO 800 feature set" on page 9.

When you select a test for another supported test set, *PTMate* displays the wiring diagram.

2.1.2 FRANEO 800 feature set

For *FRANEO 800*, *PTMate* supports starting and stopping tests and displays wiring diagrams and test results.

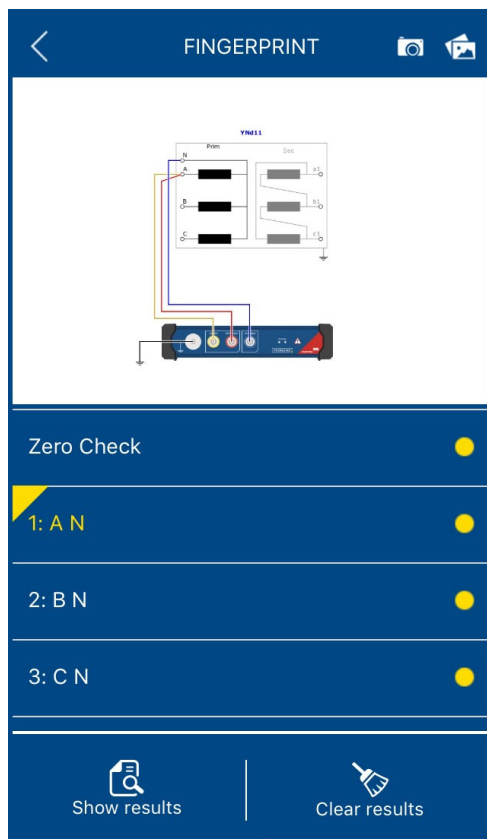
Testing with *PTMate*



WARNING

Death or severe injury caused by high voltage or current possible

- ▶ Refer to the corresponding user documentation for safety instructions and information on how to use the device correctly.
- ▶ Keep out of the high-voltage area while performing tests.



You can navigate through the test, add photos, and display the wiring diagram.

- ▶ Tap the wiring diagram to zoom and pan the image.
- ▶ Press **Start measurement** . You can stop the measurement by pressing **Stop measurement**.
- ▶ Tap **Show results** to view the measurement results in detail, and **Clear results** to delete them.

2.2 PTMate on the Apple Watch

2.2.1 General features

If *Primary Test Manager* and the *PTMate* smartphone app have been configured correctly, the home screen of the Apple Watch app displays the configured IP address and states that no test has been selected.



When you select a test in *Primary Test Manager*, *PTMate* displays the corresponding measurement list.

Each measurement indicates its execution status:

- ☐ Measurement has not been executed
- ☒ Measurement has been executed

- ▶ Single tap a measurement to select a measurement in *Primary Test Manager*. The selected one is marked yellow.

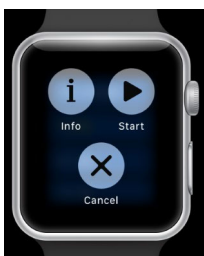
2.2.2 FRANEO 800 feature set

WARNING



Death or severe injury caused by high voltage or current possible

- ▶ Refer to the corresponding user documentation for safety instructions and information on how to use the device correctly.
- ▶ Keep out of the high-voltage area while performing tests.



- ▶ Keep your finger firmly pressed onto the screen to see the available options for the selected measurement.
- ▶ Tap **Info** to display the wiring diagram of the selected measurement.
- ▶ Tap **Cancel** to go back to the test list.
- ▶ Tap **Start** to start the selected measurement.
This option is only available if *Primary Test Manager* is connected to a device and if the selected measurement has not yet been executed.

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