

Importing and Managing your Inspection Data in the ElcoMaster App

The beauty of the ElcoMaster App is that once you have downloaded inspection data from any Bluetooth enabled Elcometer gauge - either from your gauge's memory, or as you take individual readings - you can generate professional inspection reports directly from the jobsite. And you can send the information to your office, client, or colleagues instantly - via email or the cloud.

All Elcometer inspection gauges fitted with Bluetooth can be linked to any Android or Apple Mobile Device, and all Elcometer Bluetooth gauges come with the coveted "Made for iPhone & iPod" certification.

Furthermore, as Elcometer gauges use Bluetooth, you can connect multiple gauges to your mobile device at the same time, greatly simplifying the whole process.

Pairing a Gauge

Connecting an Elcometer gauge to your mobile device is simple. First of all you will need to switch on your gauge, and check that the Bluetooth is switched on – just look for the Bluetooth symbol in the top right hand side of the screen.

If it is not showing simply press the "Menu" softkey, highlight "Bluetooth" using the up and down softkeys, press "Select", and then switch on the gauge's Bluetooth.

Now, with the gauge still switched on, and Bluetooth enabled on your mobile device, open the ElcoMaster App. Press the gauge icon in the top right of the Home screen, select your gauge from the list, and simply follow the on-screen instructions to complete the pairing process.

Once you have "paired" each Elcometer gauge to your device, the gauge will be listed on the Home Screen.

Alternatively, you can "pair" a gauge using your mobile device's Bluetooth menu. This can be done by selecting the settings icon, and then the Bluetooth option. Enable Bluetooth, select your Elcometer gauge from the list of devices, and again follow the on-screen instructions to complete the process.

If you're reconnecting to a gauge you've already "paired" with, once again tap on the gauge icon from the ElcoMaster Home screen, and re-select your gauge from the list.

ElcoMaster can be used to record individual live readings as they are taken by the gauge, or you can simply download batch readings from the gauge's internal memory.

Downloading a Batch or Multiple Batches from your Gauge

With your "paired" Elcometer gauge switched on, select the download icon to the right hand side of the gauge and choose which project and folder you're working in. Now select the relevant batch or batches you wish to download to your mobile device, and press the "download" icon in the bottom right of the screen.

Your selected batch or batches are now instantly stored under the Measurements tab of your selected project, under the appropriate measurement type.

Alternatively, if you have a specific location or folder within a project that you wish to save the readings into, you can select your project and folder first.

To create a new folder tap the “+” button, followed by the folder icon, where you can name and create your new folder. With the folder open, press the “+” button, followed by the download icon next to the gauge, to download readings directly into the folder.

You can now review your measurement data and statistics, add notes and photographs, review readings in depth (such as adhesion pull-graphs or salt density maps), disable a reading so it's excluded from your batch statistics, view graphs and histograms, fill in your batch labels, and even rename the batch.

Recording Live Readings and GPS Location Data

ElcoMaster can also be used to record each individual reading as they are taken – which is ideal for those Elcometer gauges which do not have internal batch memory. Each live reading can also be “tagged” with their GPS location coordinates, so you can see where each reading was taken on a map. GPS tagging can be switched on from within the settings menu, which is located on the ElcoMaster Home Screen.

Taking Live Readings

To take live readings simply tap on the live readings icon next to your gauge. You can do this either from the Home screen, where you then select the project and folder to work in, followed by the live readings icon in the bottom right. Or alternatively select your project and folder first, tap the “+” button, and press the live readings icon from there.

You then create a batch for your readings to be stored in. Simply type in a name, or scan the relevant barcode, then press create. In the top left you'll see the live readings tab, where each individual reading is displayed as you take it, along with any relevant statistics.

In the readings tab you can review each individual reading. If you have any high, low, or nominal limits; which can be set by tapping on the limits tab, and entering a value; then any readings that exceed your limits will display in red.

Tap on the “i” button next to the reading, followed by the map icon, and you can see where the reading was taken on a map. To see all of your readings plotted on the map, simply go to the map icon in your batch. Please note, the accuracy of GPS tagging is dependent on your mobile device.

ElcoMaster's live reading mode also enables users to be directed to the next reading location by using an image collection template. You can design your template with ElcoMaster on the PC, and send it to your mobile device. Setting up and creating measurement templates is explained in the next part of the ElcoMaster video series.

You can click the pop-out in the top right to go to the next video in the series, or select one of the icons at the end of the video to view our Playlists and visit Elcometer.com. If you are a user who's unable to see the pop-outs and icons, visit the website on-screen to view the full Elcometer video library.

And don't forget to Subscribe to the Elcometer Channel, to be notified of any new videos.