How to update your Elcometer Inspection Gauge using ElcoMaster®

Ever since the launch of the Elcometer 456 Coating Thickness Gauge in 2011, Elcometer has regularly released free gauge firmware updates, providing the latest features and functionality for our range of digital inspection gauges.

Take the Elcometer 224, for example.

In March 2019, Elcometer released the new Elcometer 224 Digital Surface Profile gauge, with a new feature, Measurement Modes; which allows you to collect and record the data you need in accordance with your relevant test method, or standard.

But what if you have an Elcometer 224 from before the update? Well, you can update your gauge's firmware using our free software application, ElcoMaster® – and I'm going to show you how to do it.

So, you need three things: the gauge you are updating (I'm using an Elcometer 224 here), a USB cable, and a PC connected to the internet with the latest version of ElcoMaster® installed.

If you don't yet have ElcoMaster®, it is free to download from the Elcometer website. If you already have it installed, then you can check you have the latest version by clicking on Menu – Update – Check for Updates, and if there is an update simply follow the on-screen instructions.

With the latest ElcoMaster® installed, connect your gauge to the PC, via USB cable. Now, while you can connect gauges to ElcoMaster® via Bluetooth as well, when you are updating your gauges' firmware you must connect via a USB cable.

With the gauge connected, click the Connect Gauge button in the top-left of the screen, and then select the type of gauge you wish to connect to. So for example here we choose Surface Profile, and Elcometer 224. Then simply follow the on-screen instructions to connect the gauge.

The gauge is now visible in the list on the Download screen.

Usually if there's an update for your gauge, an Update Gauge button will appear automatically on the right-hand side of the screen. If it doesn't appear you can always check for gauge updates manually by clicking on Menu – Update – Update a Connected Gauge, and select the gauge you wish to update.

Either way, once you click to update your gauge, a full list of what's included in the update will appear on-screen. Simply follow the on-screen instructions, to update your gauge.

But before you do, please note, when you update your gauge all batches will be deleted and the gauge will be restored to default factory settings, so we advise downloading all of your batches into ElcoMaster® first, should you need them.

If the update process is interrupted in any way, like the USB cable being disconnected or your PC losing power for example; don't worry - you can always manually start the update process again following the same steps.

And that's how you update an Elcometer digital inspection gauge via ElcoMaster®. Now, while we used an Elcometer 224 in this video, as you saw, there are a range of gauges that can all be updated via ElcoMaster®, so keep checking to see if there are any updates to your gauge.

If you want to find out more about what ElcoMaster® can do, including instantly generating inspection reports on-site, then click the link on-screen, or simply visit elcomter.com. And please, don't forget to subscribe to the Elcometer Channel, to be notified of any new videos. Thanks for watching.