elcometer®
ElcoMaster®
Data Management Software

ElcoMaster® - as easy as 1, 2, 3!

From inspection to professional reports at the click of a button.

1

Take Readings

It's not all about taking readings, but what you do with the collected data that matters. ElcoMaster® Software is a fast, easy to use software and mobile app for all your data management, reporting and quality assurance needs.

2

Send to ElcoMaster®

ElcoMaster® Software transfers measurement data direct from Elcometer's Bluetooth® or USB enabled inspection gauges direct to your PC, mobile or tablet.

All your measurement data in one place

Coating Thickness

Salt Contamination

Material Thickness

Climatic Conditions

It's not all about taking readings, it's what you do next that counts. Save up to 30% of your working week by producing professional inspection reports in seconds by using ElcoMaster® Software.

etv video available elcometer.tv

3

Create Professional Inspection Report in Seconds

Inspectors can spend up to 30% of their working week producing reports. ElcoMaster® Software saves time and money by producing professional bespoke reports - even when out on site.

Gloss Measurement

Surface Profile

Oven Data Logging*

Adhesion Testing

*USB connection only

Professional reports in seconds even when out on site. The **ElcoMaster® Software App** puts the office in your pocket.

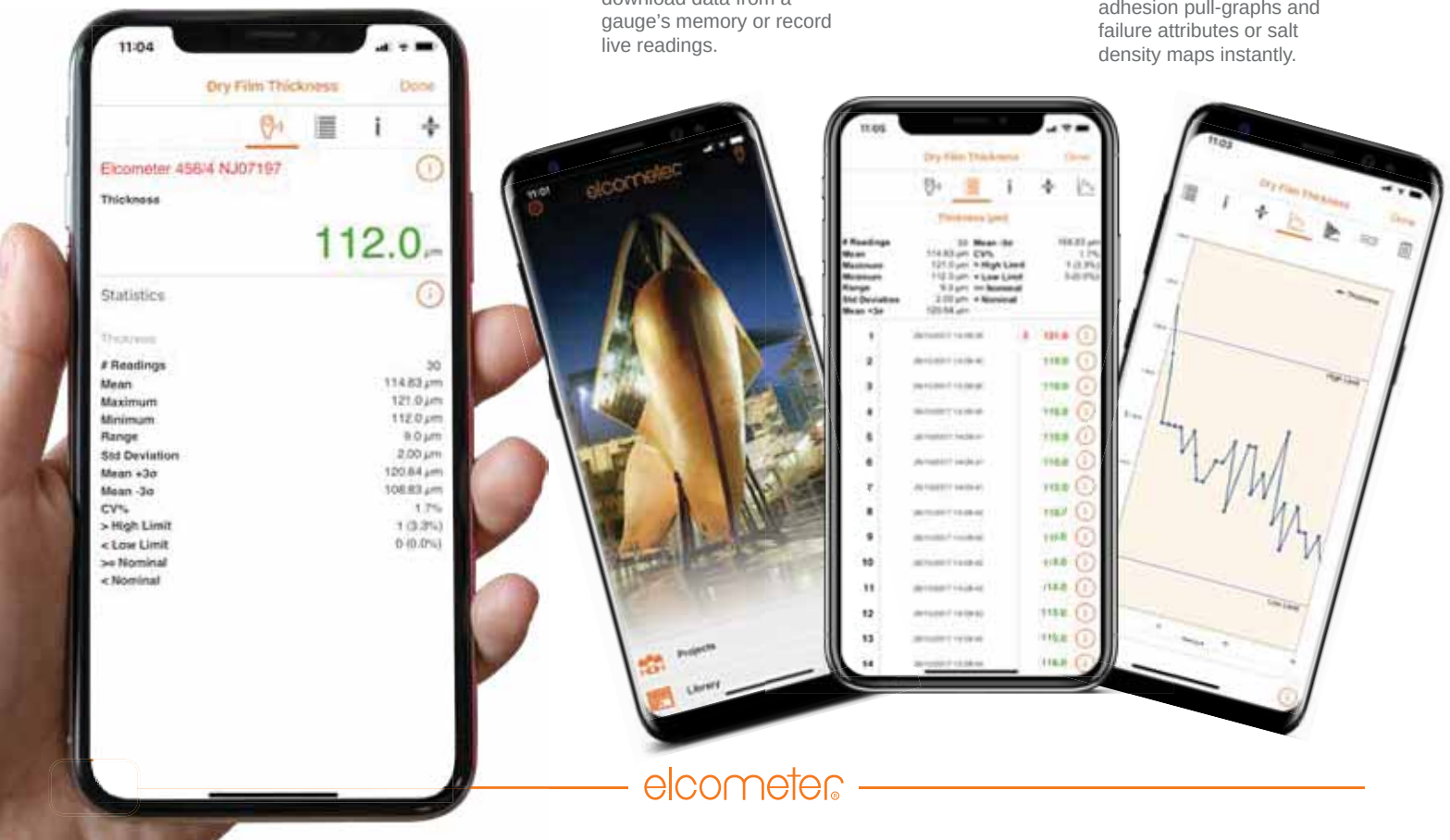
When out in the field or on site, you can review data instantly using our free ElcoMaster® Software Mobile App. Press 'Generate PDF' and watch the ElcoMaster® Software App produce a professional report instantly.

Email the report to your client seconds after you have finished inspecting or upload it via cloud technology so it can be accessed anywhere in the world.

Email, print or send
Export, print, .pdf or email directly from ElcoMaster® Software at the press of a button.

Easy to connect
Connect multiple gauges using Bluetooth® to download data from a gauge's memory or record live readings.

Analyse
Analyse data and statistics, complete with measurement parameters such as adhesion pull-graphs and failure attributes or salt density maps instantly.



ElcoMaster®

With data transferred to mobile communication devices, the Elcometer gauge does not have to be returned to the office for data download. Inspection work can continue without interruption.

Download on the App Store

GET IT ON Google Play

Easy to use
Store all project data, documents and reports in easy to manage folders.

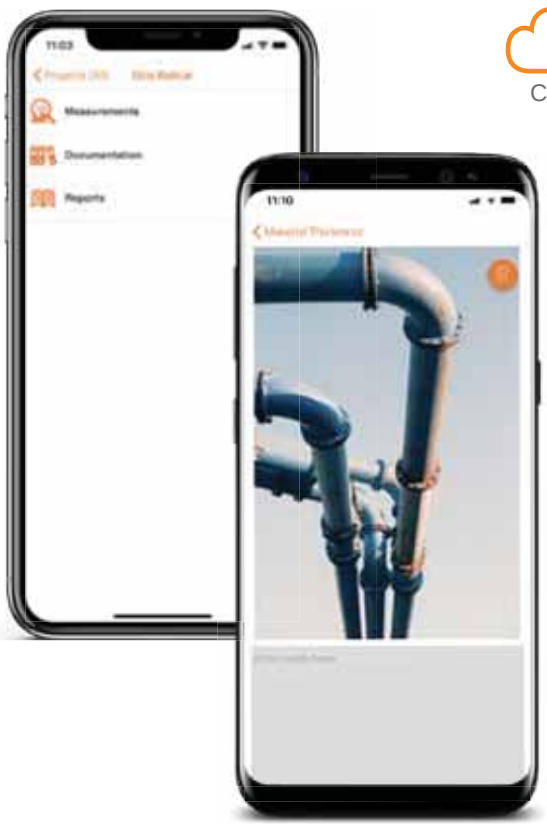
Live Readings & Statistics
Record each individual reading as it is taken and save it into batches. Ideal for gauges without an internal memory.

Collection Templates
Using measurement location points on images or photos to indicate the position for the next reading.

GPS
Store GPS locations in batches and view location on Google Maps.

Add Photos & Notes
Take photos, add notes and comments.

Combine
Combine multiple inspection parameters (DFT, climate, profile, adhesion & salt contamination) into bespoke reports.



Cloud Email

ElcoMaster® Software is the easy to use PC and mobile app for all your data management, reporting and quality assurance needs.

- No need to learn different software for different gauges, all Elcometer products use the same expert platform.
- Store data in a simple file tree, by project or by inspection type.
- Easy on screen analysis with histograms, statistics, measurements, limits, notes, diagrams and photographs.
- Export data direct to Microsoft Excel, .csv, .txt, Cqatk formats, etc., to save time and prevent keying in errors.
- Generate reports instantly using standard or pre-designed templates in seconds.
- No need for data manipulation, simply connect the gauge, download data and drag & drop.
- Combine multiple inspection parameters (such as DFT, profile, climate and adhesion) with images, notes and other project specific information in bespoke quality reports.
- Combine different inspection parameters to approve the final product.
- Using Cloud technology ElcoMaster® Software gives you real time quality control monitoring inspection projects in any location.

Easy to connect multiple gauges
Connecting a gauge & downloading data (via Bluetooth® or USB) is fast and easy

Easy to use
Store data in a simple file tree, by project and by inspection type

Combine
Combine multiple inspection parameters (DFT, climate, profile, adhesion & salt contamination) into bespoke reports

Products ElcoMaster® Software is compatible with:

Create reports by importing and combining measurements using Bluetooth® or USB from a wide range of Elcometer gauges, including;

- Surface Profile
- Climatic Conditions
- Coating Thickness
- Salt Contamination
- Adhesion Testing
- Material Thickness
- Gloss
- Oven Data Logging

Email, print or send
Export, print, .pdf or email directly from ElcoMaster® Software at the click of a button

Import existing reports
Scan your existing report into ElcoMaster® Software and drag & drop all your data where you want it, then simply save and print

Built-in template
ElcoMaster® Software Library with FREE Report, Collection, Limit & Standards Templates

Export direct
Export data direct to Microsoft Excel, .csv, .txt, cqatk formats, etc., to save time and prevent keying in errors

Analyse
Analyse data using sequential readings, statistics, batches, charts, graphs, and histograms

Live readings & statistics
Record each individual reading as it is taken and save it into batches. Ideal for gauges with no internal memory

Add photos & notes
Add photographs and notes to your reports

From inspection site, to Cloud and Client in real time - the different ways **ElcoMaster® Software** can help you.

1 Transfer your readings

Transfer your inspection data to Microsoft Excel or ElcoMaster® Software via Bluetooth® or USB to create professional reports at the click of a button.

2 Transfer from site to office

Instantly transfer inspection data to your smartphone or tablet via Bluetooth®. Then send your data via email or convert to pdf and print.

3 Upload to a cloud

Using ElcoMaster® Software Mobile App, upload inspection data, photos, notes and GPS coordinates to a Cloud account of your choice via 3G/4G or WiFi.

All data is instantly visible to other approved users of the cloud account - through a secure log-in on any computer or mobile device anywhere in the world.

Compare and combine inspection data from different production lines or different locations, to produce specific Project Inspection Reports quickly and easily.

4 Real time collaboration for multi-site projects

When working with manufacturers of sub-assemblies across the globe ElcoMaster® Software can collate all inspection data from each site, assembly line and project into one shared location.

Contractors can then:

- Accept or reject parts before shipment from sub-assembly plants.
- Combine all data from sub-assembly and final assembly inspection to generate Project Inspection Reports for quality management, both during the project and after completion of the project.
- Have real time in-progress visibility across the whole project, no matter where the sub-assembly manufacturing is in the world.
- Improve efficiency and quality throughout the production process.

Real time communication

Add comments to inspection data, projects and files or instantly message your colleagues, managers or clients to immediately discuss key points, send work instructions and store messages within the project file.

Your data - your choice - your control

Using your preferred Cloud service provider, make your data secure allowing only approved users to have access. ElcoMaster® Software Mobile App is compatible with a range of cloud service providers and FTP servers.

elcometer®

Data Management Software

ElcoMaster®, the easy to use software designed specifically for the management and assessment of your temperature profile, generating professional inspection reports in seconds.

- Import photos, data sheets & inspection notes to include on inspection reports
- Overlay temperature profiles, review and compare multiple oven profiles over time
- Time above maximum absolute & minimum cross link temperatures
- Report generator wizard & PDF generator and email or export data
- Use additional data loggers for multiple channels or run overlays
- Selectable probe/channel traces
- Cloud computing - allows for cross site collaboration
- Records length of time at cure temperature, with date & time stamp

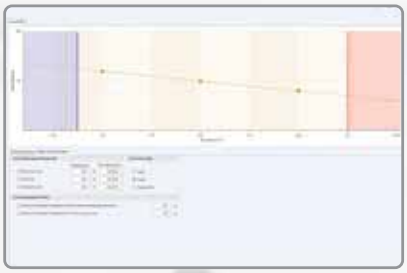
Oven Logger Set Up

Create and store unique oven profile set ups and transfer them to the gauge.

Create and store unique oven profile set ups and transfer them to the gauge.

Graphical Reporting

Standard temperature profile, cure process and product probe maps are available as standard.



Set up a library of individual paint parameters.

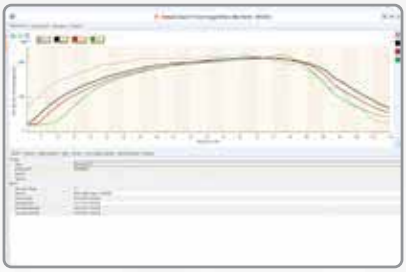
Product Probe Maps

Place probe ID markers on your product photo or drawing to record exact probe placement for each production run.

Individual product probe maps record the exact probe placement for each component.

Coating Parameters

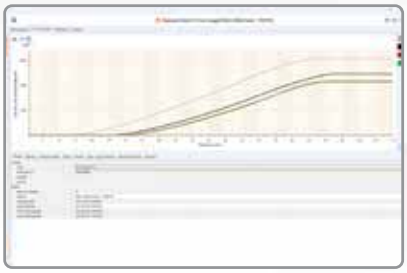
Set up a library of individual paint types with min, mid and max cure temperatures.



Standard temperature profile and cure process graphs can be viewed at any time.

Combined Reports

Oven profile reports can be combined with data from coating thickness, gloss & adhesion gauges.



Statistical analysis by probe/channel.

Elcometer Cure Value

Instant pass/fail information compares the production run temperature to the coating supplier's cure requirements.

Choosing the correct software for your Elcometer Gauge

Model	ElcoMaster 2.0	New ElcoMaster
Surface Profile		
Elcometer 224 MK1*	■	
Elcometer 224 MK2	■	■
Surface Cleanliness		
Elcometer 130	■	■
Climatic Conditions	■	■
Elcometer 319	■	■
Dry Film Thickness		
Elcometer 456 MK3*	■	■
Elcometer 456 MK4	■	■
Elcometer 500	■	■
Elcometer 355	■	■
Elcometer 311	■	■
Elcometer 415	■	■
Adhesion		
Elcometer 510	■	■
Appearance		
Elcometer 480	■	■
Elcometer 408*	■	
Elcometer 407*	■	
Oven Data Logger	■	■
Elcometer 215	■	■
Hardness		
Elcometer 3045*	■	

* Discontinued from sale, still supported by ElcoMaster 2.0

Model	ElcoMaster 2.0	New ElcoMaster
Ultrasonic NDT		
Elcometer MTG2	■	■
Elcometer MTG4	■	■
Elcometer MTG6	■	■
Elcometer MTG8	■	■
Elcometer 204*	■	■
Elcometer 304*	■	■
Elcometer 307*	■	■
Elcometer PTG6	■	■
Elcometer PTG8	■	■
Elcometer 206*	■	
Elcometer 206DL*	■	
Elcometer 208*	■	
Elcometer 208DL*	■	
Elcometer CG10*	■	
Elcometer CG50DL*	■	
Elcometer CG60DL*	■	
Elcometer CG70ABDL	■	
Elcometer CG100ABDL	■	
Elcometer CG100B	■	
Elcometer CG100ABDL+	■	
Elcometer UG20DL	■	
Elcometer 207*	■	
Elcometer 207DL*	■	
Elcometer PG70DL*	■	
Elcometer PG70ABDL	■	
Elcometer FD800DL+	■	
Elcometer FD800DL	■	
Elcometer FD700DL+	■	
Elcometer FD700+	■	
Elcometer SG80BDL*	■	

Elcometer 224 Model T, Elcometer 319 Model T, Elcometer 456 Models S & T, Elcometer 480 Model T, Elcometer 510 Model T: Made for iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPad (4th generation), iPad mini, iPad 2, and iPod touch (4th and 5th generation).“Made for iPod,” “Made for iPhone,” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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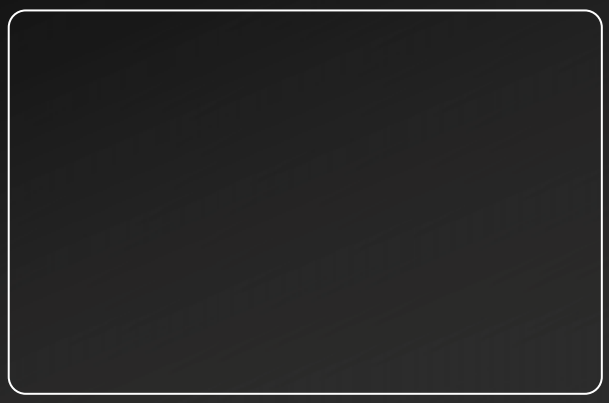

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