

How to calibrate the Elcometer 456 Ultra/Scan Probe

Taking dry film thickness measurements with the Elcometer 456 Coating Thickness Gauge with Ultra/Scan Probe is incredibly fast and accurate. As it scans the surface it can take in excess of 140 accurate, repeatable, and reproducible readings every minute. And it's incredibly easy to use.

With its easy grip, ergonomic sleeve for comfortable, continuous use - the Scan Probe uses a replaceable, highly durable probe cap, which simply snaps on; allowing you to rapidly scan large areas without damaging the probe tip or the coating. And when you are not using the scan feature, simply remove the cap.

The Elcometer 456's patented offset feature makes sure that as the cap wears, the change in thickness is taken into account during the calibration routine.

To calibrate, first of all, make sure the Auto Repeat Mode is selected by pressing the Menu button, then Setup, and Measurement Mode. Use the up and down soft-keys to highlight Auto Repeat Mode, and press select.

Then press the Cal button, and follow the on screen instructions.

You start by calibrating the gauge without the cap, and then place the cap on to take into account the cap thickness - taking three readings on the uncoated substrate, so the gauge can average out the individual readings, which increases the accuracy of the calibration.

And then you are ready to go.

Just scan the surface, and lift up – it's that simple!

For more information and training on the Elcometer 456 Coating Thickness Gauge and Ultra/Scan Probe, or any other Elcometer products, visit our website.