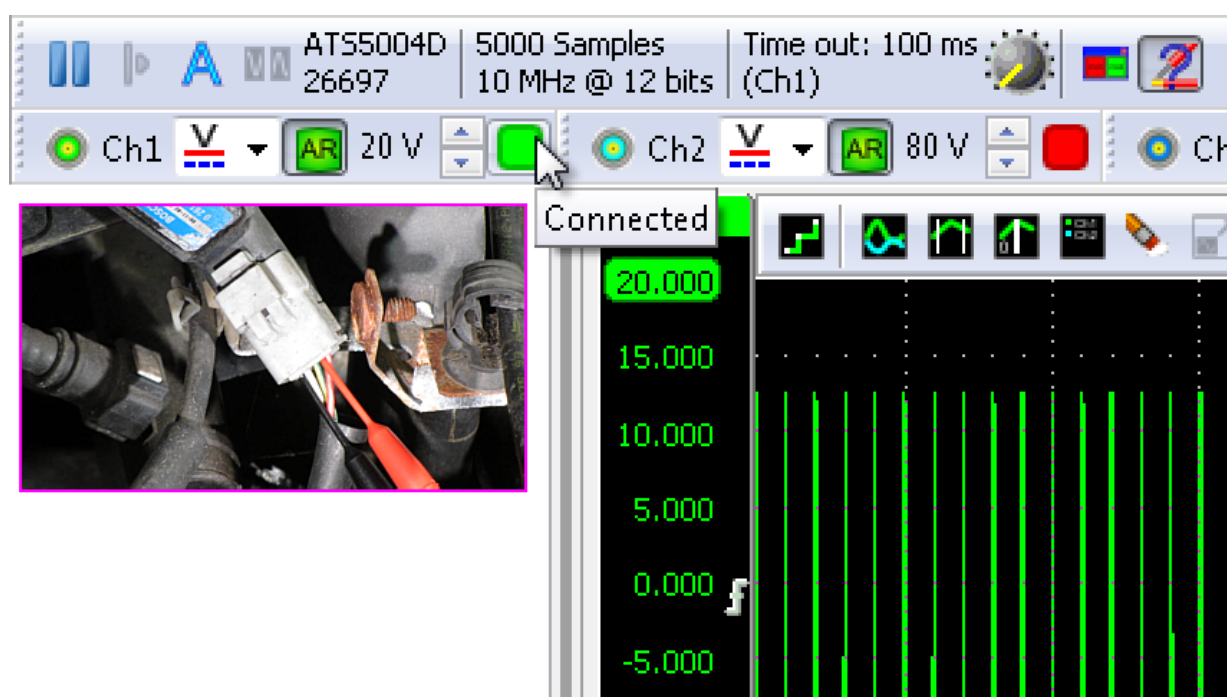


Revolutionary real-time probe connection verification while measuring.

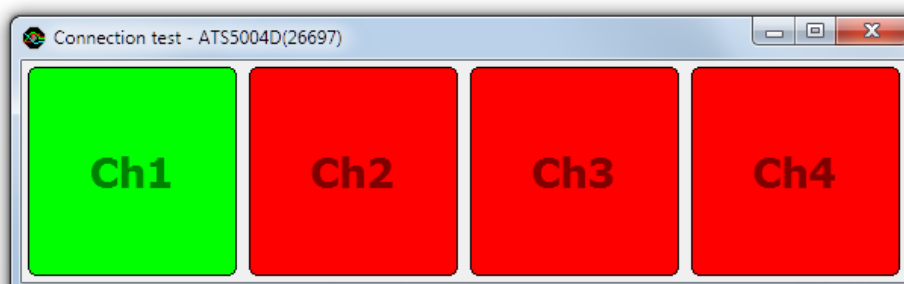
TiePie engineering is the first oscilloscope manufacturer to implement SureConnect technology. While measuring, the revolutionary SureConnect technology checks in real time whether a test probe is in physical and electrical contact with the test subject. SureConnect is the right option for every engineer for performing quick and perfect measurements. SureConnect is available on the Automotive scope AT55004D and as an option on the Handyscope HS5.



Assuring a good connection of a probe with a test subject may not always be easy. The subject under measurement may be dirty, oxidized or an (invisible) protective layer may be present. Also, the test subject may be hidden, making visible contact confirmation impossible. With SureConnect, you no longer have to question whether there really is no signal or that your probe does not make good contact.



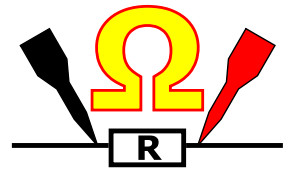
As can be seen in a [video](#) on our website, capacitive coupling between test probe and test subject can result in measuring a distorted version of the actual signal, wrongly suggesting a connection. SureConnect however immediately shows you whether a good connection is present.



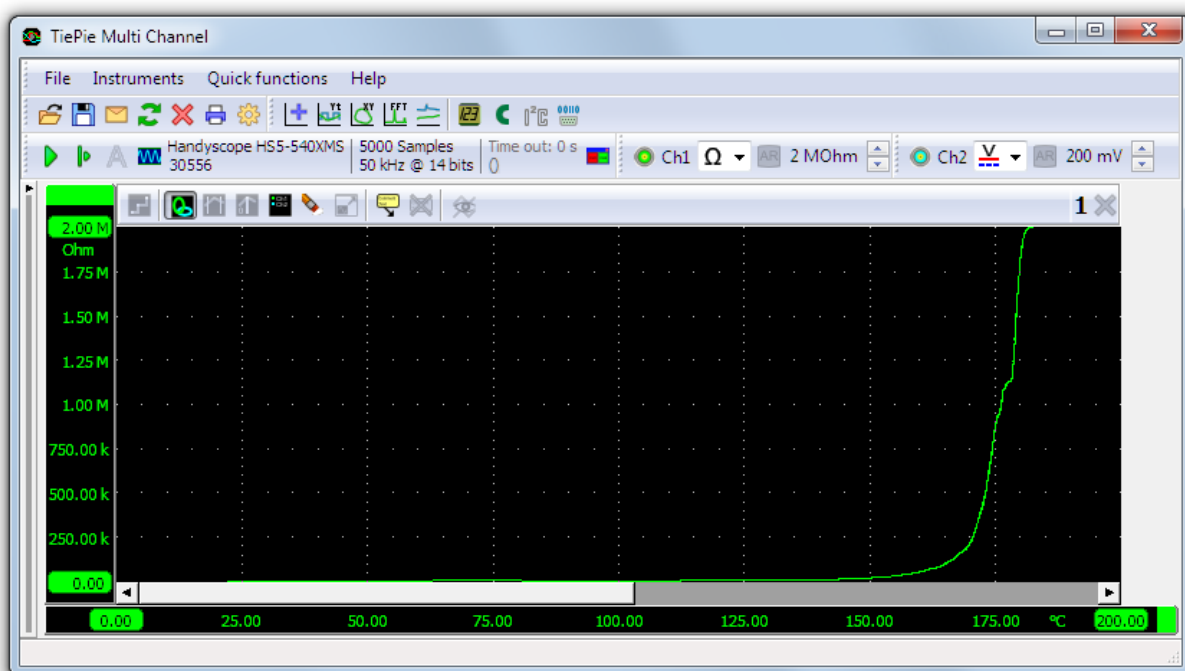
Resistance measurements.

Additionally to the connection test, a Handyscope HS5 with the SureConnect option offers resistance measurements on all channels. No more need to grab your separate ohm meter to check that resistor, your Handyscope HS5 will do the job.

It is not just a simple multimeter to measure (contact) resistance, but it is also an advanced and unique **Ohm scope**:



- Capture fast resistance changes in a graph.
- Detect and locate carbon track defects in a variable resistor.
- Create resistance graphs of special resistors like NTCs and PTCs. Use e.g. channel 1 to measure the resistance of the PTC and channel 2 to measure the temperature. An XY plot will then show the resistance variation as a function of the temperature.



The Ohm scope uses the same inputs as the oscilloscope. Changing the measure leads is not required. The advanced protection against over voltage ensures that the Ohm scope withstands high voltages.

This unique Ohm scope with SureConnect is the first fast Ohm scope in its class.

For more info on the Handyscope HS5 see www.tiepie.com/HS5

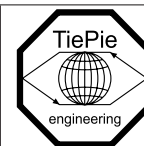
For more info on the Automotive scope ATS5004D see www.tiepie-automotive.com/ATS5004D

Watch the SureConnect video at www.tiepie.com/Articles/SureConnect

Egmont Instruments is official distributor of TiePie engineering test and measurement instruments and accessories.

Egmont

Egmont Instruments
ul. Chłodna 39, pawilon 11
00-867 Warszawa
Poland
Tel.: +48 228506205
Fax: +48 226540248
E-mail: egmont@egmont.com.pl
www.egmont.com.pl



TiePie engineering
Koperslagersstraat 37
8601 WL Sneek
The Netherlands
Tel.: +31 515 415 416
Fax: +31 515 418 819
E-mail: sales@tiepie.nl
www.tiepie.com

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