

The 5 kV insulation measurement expert!

C.A 6549

With its graphical interface, the C.A 6549 megohmmeter makes it easy to interpret measurements in the field. As well as calculating the quality ratios (DAR/PI/DD), the C.A 6549 includes a Step Voltage function that puts it at the top of its class.

Ergonomics

- Large graphic screen with digital display and bargraph
- Possibility of displaying the measurement graph in real time for quicker interpretation
- Site-proof case suitable for the severest measurement conditions
- Compatible with the DataView[®] software, allowing users to configure the instrument, trigger tests remotely via a PC, view the test results in real time, recover stored data and generate standard or customized measurement reports
- Storage of 1500 results

Measurement

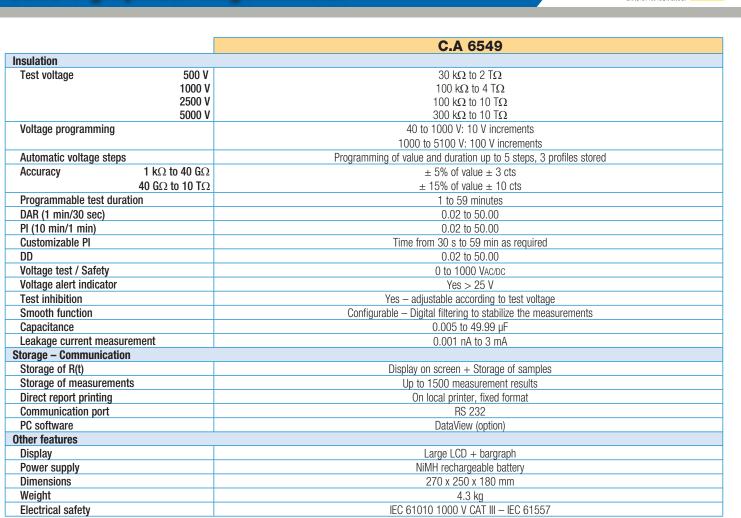
- Wide measurement range from 10 k Ω to 10 T Ω
- Fixed test voltages: 500 V, 1000 V, 2500 V and 5000 V
- Programmable test voltages from 40 to 5100 V (storage of 3 voltages)
- Direct reading of the insulation value with display of the leakage current, capacitance, test voltage and test duration
- Programmable test duration and possibility of customizing the measurement time for DAR/PI/DD
- Step Voltage function with the possibility of programming the voltage and time values for each step: storage of 3 step profiles, each with 5 steps maximum
- Automatic calculation of the insulation value at a reference temperature
- Smooth function for smoothing the insulation values so they are easier to read and quicker to interpret
- Possibility of automatically measuring the samples of the insulation tested, at a rate chosen by the user
- Programmable alarms with visual warning signal and buzzer

Safety

- Locking of test voltages: ideal when lending the instrument to less-experienced users
- Automatic test inhibition if a dangerous external voltage (AC or DC) is detected before or during measurement
- Operator safety guaranteed by automatic discharging of the device being tested, with display of the discharge voltage
- IEC 611010-1, CAT III 1000 V

C.A 6549

5000 V graphical megohmmeter



Ordering information

> C.A 6549..... P01139703

Delivered with a bag containing 2 safety leads 3 m long with HV plugs and HV crocodile clips (red / blue), 1 guarded safety lead 3 m long with HV plug with rear connection and HV crocodile clip (black), 1 lead with rear connection (blue) 0.35 m long, 1 mains power cable 2 m long, 1 communication cable, 1 simplified operating manual, 1 operating manual in 5 languages.

Accessories/Replacement parts

C.A 861 thermometer + K thermocouple	P01650101Z
AN1 artificial neutral	
Set of 2 simplified HV measurement leads (red/black)	P01295231
1 guarded simplified HV lead + 1 crocodile clip (blue)	P01295232
1 HV lead 8 m long with blue crocodile clip	P01295214
1 HV lead 8 m long with red crocodile clip	P01295215
1 HV lead 8 m long with black crocodile clip (EARTH)	P01295216
1 HV lead 15 m long with blue crocodile clip	P01295217
1 HV lead 15 m long with red crocodile clip	P01295218
1 HV lead 15 m long with black crocodile clip (EARTH)	P01295219
Standard bag for accessories	P01298066
Fuse FF 0.1 A - 380 V - 5 x 20 mm - 10 kA (set of 10)	P03297514
2P EUR mains power cable	P01295174
Serial Printer No. 5	P01102903
Series-parallel adapter	P01101941
MegohmView software	P01101938A
DataView® software	
RS 232 PC cable DB 9F - DB 25F x2	P01295172
RS 232 printer cable DB 9F - DB 9M N°01	





C.A 6549 megohmmeters are delivered with a bag, 3 m leads terminated with large, totally-insulated, built-in crocodile clips, 2 measurement leads and a guarded lead for high insulation measurements.

CHAUVIN®

ARNOUX

The European leader in measurement

Three complementary businesses, global expertise

Chauvin Arnoux's role as a French instrument manufacturer and its work to implement energy management and control systems place it at the heart of the electrical measurement business and the Group is now acknowledged as a major player in the electrical sector, as well as a leader in the temperature measurement market.

Designing new and better ways to "measure" the future every day

From transformation of the raw materials through to after-sales service, our teams strive to innovate every day in order to provide a global solution meeting the needs of cuttingedge industries, tertiary infrastructures and self-employed electricians.

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