

PRESS Release



Type of product: **Insulation and continuity testers**

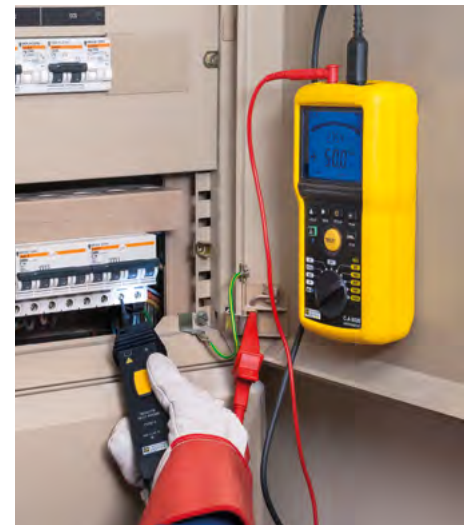
Product names: **C.A 6522, C.A 6524, C.A 6526, C.A 6532, C.A 6534, C.A 6536**

Industrial maintenance, electronics, telecommunications, avionics: a Chauvin Arnoux® megohmmeter for each application

**C.A 6522, C.A 6524, C.A 6526,
C.A 6532, C.A 6534, C.A 6536**

Chauvin Arnoux, the French manufacturer of portable instrumentation and the market leader in electrical measurement, is launching a new range of portable 1 kV megohmmeters.

With 6 models, this comprehensive range of insulation and continuity testers covers all your applications in the field.



Intuitive ergonomics

No need to be an expert! All the main measurements and functions are accessible on the instrument's front panel at the press of a button. The backlit LCD screen simultaneously shows the **logarithmic bargraph** of the insulation measurements, the main display of the numeric values and the secondary measurements.

The rugged rotary selector can be used to choose the measurements performed and the data recorded. Direct access to the TEST button makes it simple to start measuring insulation values. The practical Pass/Fail LED changes colour (red/green) according to the value measured in relation to the alarm thresholds programmed. There is also a special button for **compensation of the resistance of the measuring cables**.

The remote-control probe, also equipped with a torch function, is a useful accessory specially developed to make insulation testing simpler and quicker in the field. Three of the models include Bluetooth communication.

A complete range of six models to cover every type of use

This new range of insulation testers can be used for **continuity measurements** at 200 mA / 20 mA with active fuseless protection. Test voltages from 10 V to 1,000 V are available for **an insulation measurements up to 200 GΩ**.

A locked test mode has been added for easier use. The **CAT IV 600 V** safety rating ensures hazard-free use in all circumstances. The fact that the measurements comply with the **IEC 61557** standard means the measurements produced are reliable and repeatable.

Insulation and continuity testers

C.A 6522, C.A 6524, C.A 6526, C.A 6532, C.A 6534, C.A 6536

- For industrial maintenance, the C.A 6522, C.A 6524 and C.A 6526 generate test voltages up to 1,000 V. In preventive maintenance, regular insulation testing of installations and equipment helps to prevent incidents due to ageing and premature deterioration of insulation performance. The insulation can be measured over a programmed duration.
- The C.A 6522 and C.A 6524 offer the PI/DAR Ratios function for assessing insulation quality.
- The C.A 6526 is equipped with a Pass/Fail LED on the front panel. The Memorize function is ideal for comparing measurement histories.



- For telecommunications applications, the C.A 6532 is ideal for measurements on telephone lines by means of insulation testing at 50 V or 100 V. Thanks to its specific functions, it measures resistance, capacitance, test current and AC voltage. The Δ REL function can be used to obtain the difference in resistance between two pairs of wires. The length of the line being tested is displayed automatically by programming the line capacitance in nF/km.
- For the electronics sector, the C.A 6534 meets the requirements with its wide test-voltage range from 10 V to 500 V. It covers the specific needs of the electronics industries, whether they involve low currents or power stages. It can be used for measurements from 2 k Ω to 50 G Ω . With the appropriate electrodes, the 10 V and 100 V test voltages mean that it can be used to test the capability of surfaces to drain electrostatic discharges.
- The C.A 6536 is designed for special applications in fields such as avionics, aerospace and defence. Indeed, this model is equipped with a test-voltage range beginning at 10 V and adjustable in 1 V increments, as well as offering high accuracy for the values programmed.

› Essential software!

The Megohmmeter Transfer modules of the DataView[®] software automatically recognizes the instrument when it connects to the PC via Bluetooth and opens the corresponding menu. It gives direct access to the data recorded in the instrument and to its configuration. Other functions are also available such as remote activation of tests, real-time graphical display, calculation of the DAR and PI ratios and generation of preformatted measurement reports. These functions boost the productivity of the measurements performed.