



PRESS Release



Type of product: **Multi-function equipment tester**

Product name: **C.A 6165**

Press contact
Fulya Huet
+33 1 44 85 44 76
fulya.huet@chauvin-arnoux.com

C.A 6165

Capacitive touch screen, multiple communication ports, simple to use for testing and certification of electrical safety of portable equipment, machines or electrical cabinets

Electrical appliance and equipment testing is increasingly regulated. Each type is covered by a specific standard, so it must be tested according to specific test parameters. In the testing and electrical safety range, the **C.A 6165**, the new high-performance, versatile multi-function instrument from Chauvin Arnoux, can be used to check and certify the electrical safety of all types of appliances and equipment according to the IEC 60204, IEC 61439, IEC 60335, IEC 60950, IEC 50191 and VDE 0701/0702 standards, etc.



A global solution for testing according to the standards

The C.A 6165 is designed for **electrical safety testing and certification** of portable appliances, machines or cabinets, in the context of compliance verification at the end of the production line, or during periodic inspections or maintenance.

The C.A 6165 can be used to perform continuity tests (test current up to 25 A), insulation tests up to 199.9 M Ω , voltage drop measurements, internal and external discharge time measurements, leakage current measurement (during operation, differential or contact) and functional testing test (measurement of power values, voltage, frequency, etc.). Functional in all the systems (TN, TT & IT), it offers the possibility of performing unitary tests and automatic sequences, including dielectric tests up to 5 kVAC / 6 kVDC.

Ergonomics

This easy-to-use instrument is equipped with a large capacitive colour TFT touch screen with an area of 480 x 272 pixels, outputs for 2 or 4 indicator lamps & buzzer, inputs for door contact and remote-control pedal. The test results are stored on a micro-SD card.

The C.A 6165 includes USB, Bluetooth and Ethernet communication ports. The work of analysis is simplified by **the PC MT Link software**: management of the structures, databases, automatic sequences and report generation according to the applicable standards...

As standard, the C.A 6165 is delivered with a carrying bag containing all the accessories needed for the multiple measurements, as well as the software, making it an essential tool for your IEC inspection and certification work.

Additional specifications

- Continuity at 0.2 A ; 4 A ; 10 A ; 25 A ,
- Voltage drop (10A)
- Insulation from 0 to 199.9 M Ω
- Leakage current:
 - o Substitution, I PE, differential and contact methods
 - o Measurement range from 0.00 to 19.99 mA
- Discharge time at 34 V, 60 V, 120 V
- Power values: 0 to 3.7 kW / 3.7 kVA / 3.7 kvar
- RS232, USB, Ethernet and Bluetooth communication interfaces, Inputs / Outputs (2 x DB9)
- Ingress protection: IP40 open / IP50 closed
- Weight: 17 kg
- Dimensions: 435 x 292 x 155 mm

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