

Specifications	C.A 5001	C.A 5003 ⁽¹⁾	C.A 5005 ⁽¹⁾
DC voltage	8 ranges : 100 mV ... 1000 V		
AC voltage	5 ranges : 10 V ... 1000 V		
Internal resistance	20 kΩ/V		
Working frequency	10 Hz ...100 kHz depending on range		
DC current	5 ranges : 50 µA ... 5 A	7 ranges : 50 µA ... 15 A	6 ranges : 50 µA ... 10 A
AC current	4 ranges : 50 mA ... 5 A	5 ranges : 1.5 mA ... 15 A	5 ranges : 3 A ... 300 A ⁽²⁾
Resistance	2 ranges : 10 kΩ and 1 MΩ		
Audible continuity test	R < 50 Ω		
Scale in dB for V AC	0 ... +22 dB		
Typical accuracy ⁽³⁾	1.5 % on V DC • 2.5 % on V AC and A AC/DC • 10 % on Ω		
Power supply	1 battery 1.5 V	1 battery 9 V	
Battery life	10 000 measurements of 15 s	10 000 measurements of 10 s	
Electrical safety ⁽⁴⁾	IEC 1010-1• 600 V/Cat III • 300 V/Cat IV		IEC 1010-1 • 1000 V/Cat III • 600 V/Cat IV
Protection ⁽⁵⁾	HBC fuses 0.5 A and 5 A	HBC fuses 1.6 A and 16 A	HBC fuses 1 A and 10 A
Degree of watertightness	IP 40	IP 53	
Environmental conditions	-10°C ... + 55°C and RH < 90 %		
Dimensions / Weight	160 x 105 x 56 mm / 500 g		

(1) Additional "VoltestTM" function to check the possible presence of voltage on resistance and audible continuity test - (2) Limited to 240 A max by the miniclamp MN 89
(3) In % of end of scale - (4) Degree of pollution - (5) Electronic protection and HBC fuses for the current ranges with fuse test light

To tidy away

- The jointed clip has also been designed to tidy away the test prod leads.



For carrying

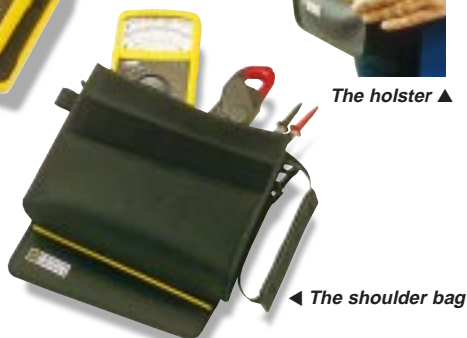
- A choice of 3 accessories to meet your needs on site



The case ▲



The holster ▲



◀ The shoulder bag

Ordering references

- C.A 5001P01.1965.21
- C.A 5003P01.1965.22
- C.A 5005 (supplied with miniclamp MN 89)P01.1965.23
- Supplied with safety leads IEC 1010 with test prods, battery and user manual.
- C.A 5001 set with caseP01.1965.21A
- C.A 5003 set with caseP01.1965.22A
- C.A 5005 set with caseP01.1965.23A

Accessories

- Shoulder bag (240 x 230 x 70 mm)P01.2980.33
- Carrying holster (220 x 180 x 75 mm)P01.2980.36
- Carrying case (270 x 200 x 65 mm)P01.2980.37 with foam lining shaped for the C.A 5001 or C.A 5003
- Carrying case (270 x 200 x 65 mm)P01.2980.37A with foam lining shaped for the C.A 5005 and MN 89

Numerous safety accessories IEC 1010. Documentation on request.

The best in measurement is at your distributor

FRANCE
190, rue Championnet
75876 Paris Cedex 18
Tél. : (33) 01 44 85 44 85
Télex 269816 - Fax : (33) 01 46 27 73 89

UNITED KINGDOM
Waldeck House - Waldeck Road
Maidenhead SL6 8BR
Tel. : 1628 788 888
Fax : 1628 28 099

7 SUBSIDIARIES IN THE WORLD

**CHAUVIN
ARNOUX**

Safety on site

C.A 5000 series

**Analogue
multimeters**



- Reinforced safety for your measurements:
 - “Fus” light: HBC fuse test
 - “Voltest™” light: presence of voltage on ohmmeter*
- Automatic zero reset on ohmmeter*
- μ A ranges
- Compact, shockproof case, with “Multistand™” multi-purpose fold-away stand

* for C.A 5003 and C.A 5005

Warranty
3 years

*The best in measurement
is at your distributor*

 **CHAUVIN
ARNOUX**

The C.A 5000 series multimeters, for the fanatics of analogue measurement.

We have given specific features to a new range of multimeters to satisfy all the measurement needs of electricians, electro-technicians and electronic engineers of today.


- Electrical safety demands it. They are totally protected and conform to standard IEC 1010-1, Category III/ 600 V or Cat IV/ 300 V for the C.A 5001 and Cat III/ 1000 V or Cat IV/ 600 V for the C.A 5003 and 5005.
- Equipped with the multi-purpose "Multistand™" shockproof case, they can be used both on the work site and in the laboratory`.
- Lightweight and compact, they are easy to handle.
- Their current ranges are protected by HBC (high breaking capacity) fuses with indication of the condition of the fuses by "Fus" light.
- For the C.A 5003 and C.A 5005 the ohmmeter zero reset is automatic. To avoid any error in use, the "Voltest™" light indicates the presence of voltage on resistance and continuity test.

1
Ø 4 mm safety
input terminals

2
"Fus" light
Test of the HBC fuses
on current measurement.

3
Analogue scale
With antiparallax mirror
for voltage scales.

4
"Voltest™" light
Indicates the presence of voltage
on resistance measurement
and continuity test.

5
Double insulation 
In accordance with standard IEC 1010-1,
rated voltage 1000 V, installation
category III, degree of pollution 2.

6
Compact shockproof case
Including, on the back, a "Multistand™"
multi-purpose sturdy jointed clip: use
as a stand, to attach the test prods, ...



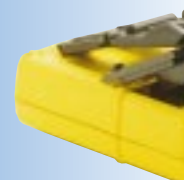
Safety accessories

Numerous accessories* are available to widen the field of application of your multimeter or to give it new functions: crocodile clips, wire grips, voltage probes, current clamps, temperature probes,... Documentation on request.

* conform to standard IEC 1010-2-031

The leads with test prods supplied with the multimeters conform to standard IEC 1010-2-031. 1000 V. Cat III-2 and are  approved.

Connection with pos



It is essential to discon the cover for access to Rapid opening by 1/4 t screwdriver.





▲ Voltage test with the C.A 5003.

The black test prod is in the "hands free" position, held in the multi-purpose clip on the back of the instrument.



◀ The jointed clip holds the C.A 5003 in a vertical position for a reading close to the test point.

Direct reading of the motor current with the C.A 5005 and its miniclamp MN 89, originally supplied. The A AC ranges are marked by the "Ω" symbol and also the readout scale. ▼

Continuity test of a fuse with the C.A 5001. The jointed clip is folded in place as a stand for use on the workbench. ▼



leads before opening
ery and the fuses.
v, using a coin or a

