

# C.A 5011

4 kΩ

100 kO

CHAUVIN

4 MO

40 MΩ

10 A J

OFF

(IA

## **TRMS** analogue and digital multimeter



Reinforced safety by means of 2 LEDs:

- "Fus" light: HBC fuse test
- "Voltest™" light: present of voltage on ohmmeter

Two complementary readings:

- Digital for accuracy, with backlighting
- Analogue for quick readings

Automatic AC / DC recognition

Compact, shockproof case,

with "Multistand™" multi-purpose fold-away stand



Measure u

MAX

100n v

40 V

4 V

400 mV

400 µA

mΔ

40 mA

400 mA



### **TRMS: true RMS value**

C.A 5011

The C.A 5011 multimeter gives the true RMS value whatever the signal, whether sinusoidal or distorted. It is therefore suitable for all types of installations, including those with non-linear loads (fluorescent lighting, switching power supply...).

It is equipped with automatic signal-type recognition, (AC (~) or DC (....)). It can also be used to access the different signal components (..., ~,  $\dots$  + ~), if they exist, by simply pressing the ~ key.

#### The "Multistand™" jointed clip

This is also included for storing the test probe leads. Furthermore, for extra safety, the test probe leads must be disconnected before opening the battery and fuse

#### **Analogue display**

compartment cover.

Usable as a zero galvanometer: the needle always deflects in the same direction and the polarity is specified by the digital display. Scale 50 with 25 % overrun of selected range.

### 4000-count digital display

Automatic AC/DC recognition. Storage in memory with HOLD key. Backlighting with 😵 key. Max. value with MAX MAX key.

References to order	
<b>C.A 5011</b> delivered with: 1 set of silicone RD/BK straight male banana / elbowed male banana, 1 set of RD/BK CAT IV test probes	P01196311E
C.A 5011 with hard case	P01196311F
Accessories	
Shoulder bag (240 x 230 x 70 mm)	P01298033
Holster case (220 x 180 x 75 mm)	P01298036
Carrying case (270 x 200 x 65 mm) with pre-cut foam inserts	P01298037A



▲ Holster case

Specifications	C.A 5011	
AC and voltage	2 x 5 ranges: 400 mV 1,000 V	
Impedance	10 MΩ	
Operating frequency (1)	20 Hz10 kHz	
AC and DC current	2 x 6 ranges: 400 µA 10 A	
Resistance (2)	6 ranges: 400 Ω 40 MΩ	
Audible continuity test (2)	R < 400 Ω	
Frequency	3 ranges: 4 kHz / 40 kHz / 100 kHz	
Scale in dB for V AC	-20 +16 dB	
Max value	over 500 ms	
Typical accuracy (3)	0.5 % on V • 1 % on A and $\Omega$	
Power supply	9 V battery	
Battery life	300 hours	
Electrical safety (4)	IEC/EN 61010-1 Edition 2 1,000 V/Cat III • 600 V/Cat IV	
Protection (5)	1 A and 10 A HRC fuses	
Ingress protection	IP 53	
Environmental conditions	-10 °C +55 °C and HR < 90 %	
Dimensions / weight	160 x 105 x 56 mm / 500 g	

 Crest factor ≤ 5 - (2) Additional "Voltest<sup>w</sup>" function to check the possible presence of a voltage
With digital display. 2.5 % with analogue display - (4) Pollution degree 2 - (5) Electronic protection and HRC fuses for the current ranges with "Fus" fuse test light

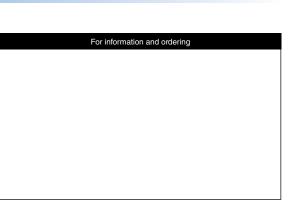


**Safety accessories** 

A large number of accessories\* are available to extend your multimeter's applications or add new functions: crocodile clips, wire grips, voltage probes, current clamps, temperature probes...

Documentation on request.

\* comply with the IEC 61010-031 standard



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