

# C.A 5000 Series

## **Analogue multimeters**



### Safety on site!

Extra safety for your measurements:

- "Fus" light: HBC fuse test
- "Voltest™" light: presence of voltage on ohmmeter\*

Automatic zero reset on ohmmeter\*

µA ranges

Compact, shockproof case, with "Multistand™" multi-purpose fold-away stand

\* For C.A 5003 and C.A 5005







## GA 5000 series

## **Analogue multimeters**

## The C.A 5000 Series of multimeters: for analogue fans

We have developed a range of multimeters to meet all the measurement requirements of today's electricians and electrical engineers.

- To meet the electrical safety requirements, they are totally proetected and comply with the IEC 61010-1 standard, Category III 600 V.
- With their shockproof case equipped with the multi-purpose "Multistand™" accessory, 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 HRC (high rupture 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 a voltage during resistance and continuity



### **SAFETY ACCESSORIES**

Numerous accessories\* are available to extend your multimeter's applications or to give it new functions: crocodile clips, wire grips, voltage probes, current clamps, temperature probes...

Documentation on request.

\* compliant with standard IEC 61010-031





Rapid opening by 1/4 turn screw, using a coin or a screwdriver.

# Safety on site!





▲ Direct reading of the motor current with the C.A 5005 and its MN 89 miniclamp, supplied as standard. The A AC ranges are marked by the ♠ symbol and also the readout scale.



Equipped with a "MultiStand™" multi-purpose articulated stand on the back for positioning the instrument, fixing the test probes, etc.

You can also use the articulated stand to stow the test-probe leads.





▲ The articulated stand holds the C.A 5003 in a vertical position for a reading close to the test point.



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.

■ Voltage test with the C.A 5003.

The needle moves instantaneously for quick voltage testing.



## **Analogue multimeters**

Specifications	C.A 5001	C.A 5003 <sup>(1)</sup>	C.A 5005 <sup>(1)</sup>
DC voltage	8 ranges: 100 mV // 1,000 V <sup>(6)</sup>		
AC voltage	5 ranges: 10 V // 1,000 V <sup>(6)</sup>		
Internal resistance	20 kΩ/V		
Working frequency	10 Hz100 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: 5 mA // 5 A	5 ranges: 1.5 mA // 15 A	5 ranges: 3 A // 300 A <sup>(2)</sup>
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 • 2.5 % on V $_{\sim}$ and A $_{\approx}$ • 10 % on $\Omega$		
Power supply	1.5 V battery 9 V battery		
Battery life	10,000 measurements of 15 s 10,000 measurements of 10 s		
Electrical safety (4)	IEC / EN 61010-1 Edition 2 • 600 V Cat III-2		
Protection (5)	HRC fuses: 0.5 A and 5 A	HRC fuses: 1.6 A and 16 A	HRC 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 "Voltest"" 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 2 - (5) Electronic protection and HBC fuses for the current ranges with fuse test light - (6) For use up to 600 V max.

### To order

### **Multimeters**

C.A 5001		P01196521E
C.A 5003		P01196522E
C.A 5005	(supplied with miniclamp MN 89)	P01196523E

Supplied with IEC 1010 safety leads with test probes, battery and user

C.A 5001 set with case	P01196521F
C.A 5003 set with case	P01196522F
C.A 5005 set with case	P01196523F

### **Accessories**

<b>Shoulder bag</b> (240 x 230 x 70 mm) .	P01298033
Carrying holster (220 x 180 x 75 mm)	P01298036
<b>Carrying case</b> (270 x 200 x 65 mm)	

with precut foam insert:

for the C.A 5001 or C.A 5003	P01298037
for the C.A 5005 and MN 89	P01298037A

Numerous safety accessories. Documentation on request.



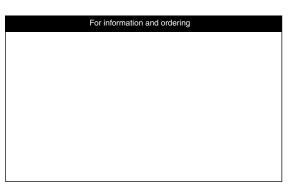
The case



The shoulder bag



The holster



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