

## Category IV for greater safety



## Compact TRMS digital multimeters



- AC/DC current up to 10 A or 600 A with a current clamp giving direct readings
- High sensitivity with a resolution of 0.01 mV
- Their protection enables them to withstand overloads up to 8,000 V
- $V_{LowZ}$  function to avoid the problem of disturbance voltages

IEC 61010  
**600 V  
CAT IV**

IEC 61010  
**1,000 V  
CAT III**

IP  
**54**

The **C.A 5231** and **C.A 5233** multimeters are ideal for the needs of electrical installers, self-employed electricians and heating or air-conditioning specialists.

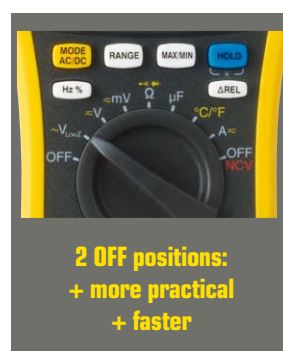
Compact and simple, they are exceptionally easy to read thanks to their large backlit display including a bargraph. Their built-in shockproof protection also makes them rugged instruments.

## TECHNICAL SPECIFICATIONS

	<b>C.A 5231</b>	<b>C.A 5233</b>
Display	6,000-count backlit display + 61-segment bargraph	
Acquisition	True RMS	
Autorange or manual	Yes	
Bandwidth	3 kHz [V] / 1 kHz [A]	
Best accuracy	0.2 %	
AC voltage	6 calibres - 1,000 V - Resolution: 0.01 mV	6 calibres - 600 V - Resolution: 0.01 mV
AC LowZ voltage	4 calibres - 1,000 V - Resolution: 0.001 V	4 calibres - 600 V - Resolution: 0.001 V
DC voltage	6 calibres - 1,000 V - Resolution: 0.01 mV	6 calibres - 600 V - Resolution: 0.01 mV
AC current / DC current	With 1 mV/A clamp: 1 calibre - 600 A Resolution: 0.1 A	2 calibres - 10 A Resolution: 0.001 A
Resistance measurement	6 calibres - 60 MΩ - Resolution: 0.1 Ω	
Audible continuity / Diode test	Yes / Yes	
Frequency / Duty ratio	3 calibres: up to 3 kHz / Yes	
Capacitance	6 calibres - 1,000 μF - Resolution: 0.01 nF	
Temperature (with external K thermocouple)	1 calibre -20 °C to +760 °C / -4 °F to +1,400 °F Resolution: 1°	
No-contact voltage detection (NCV)	Yes	
Display Hold function	Yes	
Relative mode	Yes	
Min-Max	Yes	
Power supply	9 V alkaline battery (6LF22)	
Leakproofing	IP54	
Dimensions	155 x 75 x 75 mm	
Weight	320 g	
Electrical safety (IEC 61010)	600 V CAT IV / 1,000 V CAT III	600 V CAT IV / 600 V CAT III



The multi-position kit is ideal for hands-free working.



2 OFF positions:  
+ more practical  
+ faster

### TO ORDER:

- C.A 5231:**  
delivered with 2 measurement leads equipped with test probes,  
a 9 V alkaline battery and an operating manual  
in 5 languages .....> P01196731
- C.A 5233:**  
same as the C.A 5231 with temperature sensor  
and adapter .....> P01196733
- C.A 5231+MINI03:**  
C.A 5231 delivered with MINI 03  
current clamp (100 A AC) .....> P01196734

### ACCESSORIES

- C.A 1871 infrared probe for multimeter .....> P01651610Z  
C.A 801 single-channel temperature adapter .....> P01652401Z  
C.A 803 two-channel temperature adapter  
with differential measurement .....> P01652411Z  
Multi-position DMM mounting accessory .....> P01102100Z

#### For the C.A 5233

- CMI214S current measurement lead .....> P03295509  
Adapter for K thermocouple  
(delivered 1 wire thermocouple) .....> P06239306  
HRC fuse, 6 x 32, 10 A 600 V 50 kA .....> AT0084

#### For the C.A 5231

- 100 A 1,000/1 AC current clamp MINI03 model .....> P01105103Z  
600 A AC/DC current clamp PAC10 model .....> P01120070



Distributed by:

**testoon**.COM  
The measurement website

99, rue Beranger  
92320 Chatillon - France  
Tel : +33 (0)1 71 16 17 00  
Fax : +33 (0)1 71 16 17 03  
[www.testoon.com](http://www.testoon.com)