

# UNIVERSAL TESTING AND MEASUREMENT

More information at [www.chauvin-arnoux.com](http://www.chauvin-arnoux.com)

## Analogue and digital multimeters

### C.A 5000

> *The economical tool*

■ 1 000 Vac/Dc

### C.A 5001

Garanteed  
3 years

> *The complete tool for card troubleshooting*

■ 1 000 Vac/Dc

■ Current measurement up to 5 Aac/Dc

### C.A 5003

Garanteed  
3 years

> *The 1000 V 15 Aac/Dc analogue*

■ 1 000 Vac/Dc

■ Current measurement up to 15 Aac/Dc

### C.A 5005

> *The ideal instrument for electrical installation maintenance*

■ 1 000 Vac/Dc

■ Current measurement up to 200 AAC with its MN89 clamp



Garanteed  
3 years

C.A 5001 / 5003 / 5005 / 5011

■ Multipurpose fold-away stand

■ Open fuse LED

■ "Voltest™" function checks for presence of voltage on resistance measurement



Garanteed  
3 years

### C.A 5011

> *Digital accuracy (2000-ct) combined with analogue speed*

■ TRMS AC+DC measurement

■ Hold / Max functions

■ Backlighting

Accessories



Carrying case  
> P01.2980.33



MN 14  
> P01.1204.15



Hard case  
> P01.2980.37A

C.A 801  
Adapter + 1 K sensor  
for C.A 5011  
> P01.6524.01Z

C.A 803  
Adapter + 2 K sensors  
> P01.6524.11Z

For temperature  
measurement



C.A 874  
Infrared probe  
for C.A 5011  
> P01.6516.01Z



Ø 4 mm test probe  
leads  
> P01.2950.84



Ø 4 mm  
crocodile clips  
> P01.1018.48



\*This case will be replaced by an other equivalent case.

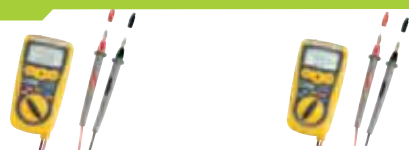
GARANTEED 3 years

See product index page 64



	C.A 5000	C.A 5001	C.A 5003	C.A 5005	C.A 5011
Reference	> P01.1965.15	> P01.1965.21E	> P01.1965.22E	> P01.1965.23E (with MN 89 clamp)	> P01.1963.11
in hard case	> P01.1965.21F				> P01.1963.11A
Voltage	8 cal.: 100 mV / 1 V / 3 V / 10 V / 30 V / 100 V / 300 V / 1000 V				Num. 5 cal.: 400 mV to 1,000 V Ana : 5 cal.: 500 mV to 1,000 V
DC	5 cal.: 10 V / 30 V / 100 V / 300 V / 1 000 V				
AC					
Internal resistance	9 kΩ / V	20 kΩ / V			10 MΩ
Frequency	45 - 400 Hz	10 Hz – 1 kHz to 100 kHz depending on range			20 Hz to 10 kHz
Current	DC	5 cal.: 50 μA to 1 A	5 cal.: 50 μA to 5 A	7 cal.: 50 μA to 15 A	6 cal.: 50 μA to 10 A
AC	3 cal.: 3 mA to 3 A	4 cal.: 5 mA to 5 A	5 cal.: 1.5 mA to 15 A	5 cal.: 3 A to 300 A	Num.: 6 cal.: 400 μA to 10 A Ana.: 5 cal.: 500 μA to 10A
Resistance	3 cal.: 1 kΩ / 10 kΩ / 1 MΩ	2 ranges: 10 kΩ and 1 MΩ			Num.: 6 cal.: 400 Ω to 40 MΩ Ana.: 6 cal.: 500 Ω to 50 MΩ
Audible continuity test	R < 50 Ω				R < 400 Ω
Frequency measurement					Num.: 3 cal.: 4 kHz to 400 kHz
Basic accuracy	2.5% in V <sub>DC</sub> and I <sub>DC</sub> , 3% in V <sub>AC</sub> and I <sub>AC</sub> and in Ω	1.5 % in V <sub>DC</sub> • 2.5% in V <sub>AC</sub> and A <sub>AC</sub> / DC • 10% in Ω			1% in V <sub>DC</sub> , in Ω and in Hz • 1.5% in V <sub>AC</sub> and I <sub>DC</sub> , 2% in ACA
Scale in dB for V <sub>AC</sub>	yes				
Power supply	1 x 1.5 V battery		1 x 9 V battery		
Operating life	10,000 meas. of 10 s	10,000 meas. of 15 s	10,000 measurements of 10 s		300 h
Electrical safety	IEC 61010-1 • 600 V / Cat III pol. 2				IEC 61010-1 • 1000 V / Cat III
Protection	HPC fuses	HPC fuses, 0.5 A and 5 A	HPC fuses, 1.6 A and 16 A	HPC fuses, 1 A and 10 A	HPC fuses, 1 A and 10 A
Dimensions	160 x 105 x 56 mm				
Weight	500 g				

## Digital pocket multimeters



	C.A 702	C.A 703
Reference	> P01.1917.39Z	> P01.1917.40Z
V <sub>DC</sub> / Accuracy	200 mV / ±0.5% L + 3 D 2.000 V ; 20.00 V ; 200.0 V ; 600 V / ±1.2% L + 3 D > 600 V / outside specification	
V <sub>AC</sub> / Accuracy (40-400 Hz)	2.000 V ; 20.00 V / ±1.0% L + 8 D 200.0 V ; 600 V / ±2.3% L + 10 D > 600 V / outside specification	
I <sub>DC</sub> / Accuracy	200.0 μA ; 2000 μA / ±2.0% L + 8 D 20.00 mA ; 200.0 mA / ±2.0% L + 8 D 200 mA / 500 V electronic fuse	
Protection		
I <sub>AC</sub> / Accuracy	200.0 μA ; 2000 μA / ±2.5% L + 10 D 20.00 mA ; 200.0 mA / ±2.5% L + 10 D 200 mA / 500 V electronic fuse	
Protection		
Resistance / Accuracy	200.0 Ω / ±0.8% L + 5 D 2.000 kΩ, 20.00 kΩ, 200.0 kΩ / ±1.2% L + 5 D 2.000 MΩ / ±5.0% L + 5 D 20.00 MΩ / ±10.0% L + 5 D 600 V rms	
Protection		
Diode test	1.999 V	
Test Alarm	V Test ≤ 1.5 V   Test ≤ 1.5 mA	
Protection	600 V rms	
Continuity sound test	199.9 Ω	
Buzzer	R < env. 60 Ω	
Protection	600 V rms	



### C.A 702

- Flexibility and safety
- Integrated torch

### C.A 703

- AC current detection
- Integrated torch