

C.A 755 - C.A 757

Digital testers



Testers which think they're multimeters!

- Automatic recognition of AC and DC
- Automatic recognition of resistors, diodes and capacitors
- Automatic calibre selection
- Hazardous voltage indication
- Removable test probes

600 V CAT III

IEC 61010-2-033



Measure up



C.A 755 - C.A 757

Ergonomics

The C.A 755 and C.A 757 have a large backlit digital display with a **3,000-count resolution** allowing users to view their measurement results as well as all the function symbols, calibres and battery-level indications.

The removable test probes mean they can be replaced at lower cost and offer users the possibility of choosing different probes for different uses, if required.



There is a built-in system for stowing these test probes in the casing, which offers IP54 ingress protection. The shapes of the test probes and casing are designed for comfortable handling.



Removable test probes

Rotary switch for selecting the measurement

Large backlit LCD screen

IP54 casing
Withstands falls from a height of up to 2 m

Accessories which simplify your everyday work

► Measurement adapter for 2P+E sockets

Ideal for use with these multimeters, the **C.A 753** allows measurements in total safety on European and Schuko 2P+E sockets. Its design guarantees mechanical and electrical contact with all types of test probes (Ø 2 mm, Ø 4 mm, IP2x, etc.). It also indicates when a voltage > 200 V is present, as well as showing the phase position..



► The **bag**, compatible with the Multifix accessory proposed as an option, can be used to transport and stow the instrument, its accessories and replacement parts so that everything is available for use at any time.



► **The removable test probes** can be changed to suit the application and the measurement conditions.



P01102152Z



P01102153Z



P01102154Z

Slimline and flexible, the **MiniFlex®** measuring accessory supplied with the **C.A 757** can be used to measure currents up to 300 A, including on conductors which are difficult to access.



▼ Safe and easy to use

The **C.A 755 and C.A 757 multitesters** meet the specific needs of professionals working on Low-Voltage electrical installations. Their numerous automated functions help to prevent the usual handling errors. With their **600 V CAT III** safety and their compliance with the IEC 61010-2-033 standard, they are intended for electricians, heating engineers, mechanics, maintenance technicians, etc.

They offer exceptional safety for testers:

- ▶ double insulation
- ▶ protection up to 6 kV for voltage measurements (electric shocks)
- ▶ protection up to 1,000 V for continuity testing and resistance or capacitance measurements
- ▶ protection against dust with their IP54 casing

No-contact voltage detection and hazardous voltage indication are both available.



▼ Applications

In addition to testing the electrical power supply or switching systems, checking wired connections, monitoring consumption (current) and verifying the operation of an electrical appliance or installation, these new Chauvin Arnoux® testers can also be used to troubleshoot failures or faults and test electronic components.



The C.A 755 & C.A 757 are effective in all circumstances:

- **Troubleshooting on distribution switchboards** with the possibility of identifying the phase and neutral **without tripping the RCDs.**
- **DC and AC voltage measurements** to check the different voltages present on the terminals.
- **Audible continuity test**
- **DC voltage measurements** for preventive maintenance on backup batteries.
- **Resistance measurement:** identification of the motor windings and checking of the resistors.
- **Current measurement** on residential switchboards and junction boxes: the C.A 757's MiniFlex flexible sensors mean current measurements are always easy.
- **Diode tests** for maintenance of DC power supply systems and checking of bridge rectifiers.

Voltage and continuity testers

| TECHNICAL SPECIFICATIONS | | C.A 755 | C.A 757 |
|-------------------------------------|-------------------|---|------------------------------|
| DC voltage | Measurement range | 3 mV to 1,000 V – 4 calibres | |
| | Resolution | 1 mV to 1 V | |
| AC voltage | Measurement range | 100 mV to 1,000 V – 4 calibres | |
| | Resolution | 1 mV to 1 V | |
| Impedance | | 10 MΩ | |
| No-contact voltage detection | | Quick detection of any 230 V 50/60 Hz conductor at a distance of approx. 5 cm | |
| Resistance | Measurement range | 0.3 Ω to 30 MΩ – 6 calibres | |
| | Resolution | 0.1 Ω to 0.01 MΩ | |
| Continuity | | audible continuity indication for R ≤ 30 Ω | |
| Capacitance | Measurement range | 400 pF to 30 mF | |
| | Resolution | 0.001 nF to 0.01 mF | |
| Diodes | | for junction voltages between 300 mV and 2 V | |
| Current via current sensor | Measurement range | - | 500 mA to 300 A (2 calibres) |
| | Resolution | - | 0.01 A to 0.1 A |
| Electrical safety | | 600 V CAT III, IEC 61010-1, IEC 61010-031, IEC 61010-032, IEC 61010-033 | |

GENERAL SPECIFICATIONS

| | |
|----------------------------|--|
| Power supply | 2 x 1.5 V batteries (LR03 or AAA) |
| Battery life | 100 hours with alkaline batteries – Automatic standby after 10 minutes |
| Dimensions / weight | 180 x 52 x 45 mm / Weight approx. 200 g |

References to order

TO ORDER

C.A 755 P01191755

Delivered with 1 set of extra-fine test probes CAT III/CAT IV (red/black), 2 x 1.5 V AAA / LR3 alkaline batteries, 1 user manual in 5 languages, 1 safety datasheet, 1 verification certificate.

C.A 757 P01191757

Same as the C.A 755 plus 1 MiniFlex® sensor with a loop length of 250 mm, a connection cable 1 m long and a specific connector for C.A 757, 1 Velcro strap.



ACCESSORIES & REPLACEMENT PARTS

| | |
|--|------------|
| 1 set of black/red CAT III/IV test probes | P01102152Z |
| 1 set of black/red Ø 2 mm test probes, CAT II | P01102153Z |
| 1 set of black/red Ø 4 mm test probes, CAT II | P01102154Z |
| MA101-250 current sensor for C.A 757 | P01120591 |
| C.A 753 | P01191748Z |
| Velcro strap x 5 | P01102113 |
| 1.5 V LR3/AAA alkaline battery (x 1) | P01296032 |
| Bag compatible with MultiFix accessory, 120 x 200 x 60 | P01298074 |
| MultiFix mounting accessory | P01102100Z |

MultiFix mounting accessory ▶



◀ Bag compatible with MultiFix accessory



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