

*For installation tests
using loop measurements*

A new generation of testers!

Loop tester

- ✓ *Cat. III 600 V*
- ✓ *Large backlit LCD screen
with 2 04000 counts and
a wide range of indicator icons*
- ✓ *Immediate error free connections
thanks to mains connection lead*
- ✓ *Alarm and date-time memory functions
(100 measurements)*
- ✓ *Optical fibre communication:*
 - *direct printing
on serial printer*
 - *data transfer of memory
to PC (transfer application
software supplied as standard)*
- ✓ *Supplied with "hands free" carrying strap*



- Automatic voltage and frequency testing of installation
- Earth resistance measurement on power on installations with or without RCD tripping:
 - with auxiliary rod (R_{earth})
 - without rod: earth loop (Z_{loop})
- Selective earth measurement using current clamp
- Measures true (R,L) loop and line impedance without RCD tripping
- Calculation of short-circuit currents
- Measurement of current and leakage current using clamp

Live earth

1 rod / earth loop / internal loops / current clamp

Innovative and easy to use, the **C.A 6454 loop tester** combines optimum ease of use with enhanced metrological performances for testing compliancy with European and international standards (NF C 15-100, IEEE, VDE 0100, NIN/NIV, VE EN-1, ...)

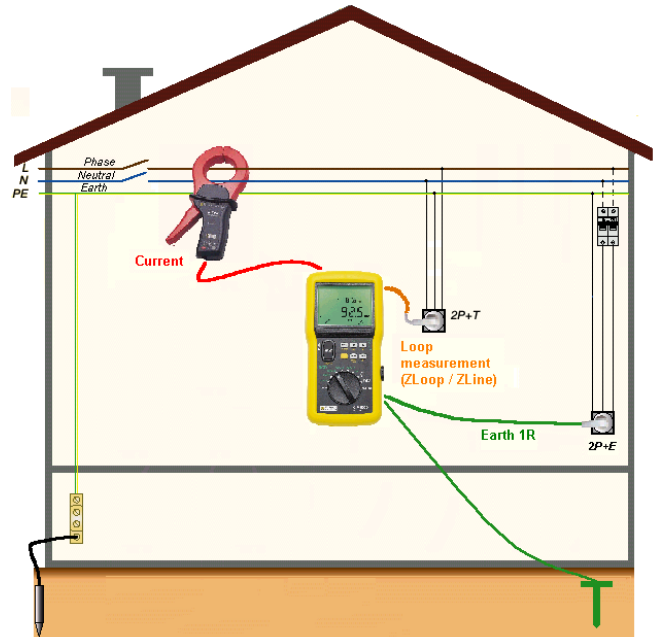
Thanks to its letter-coded terminals (for 1 rod earth measurement) and lead for connecting directly to installation socket (for loop measurements), it is quick and safe to operate.

The measurement is then selected using rotary switch and launched by simply pressing on TEST. The result is then displayed on a large backlit screen.

A wide range of functionalities are accessible by direct fingertip control: activation of alarms, date / timerecording of results and / or direct printing of measurement readings using serial printer.

These combined advantages place the **C.A 6454** among the forerunners of a new generation of testers!

Another advantage: the data transfer application software is supplied as standard.



<ul style="list-style-type: none"> Voltage / frequency measurement 	automatic measurement of installation connections: from 2 to 550 V (DC or RMS) / from 15.3 to 450 Hz	<ul style="list-style-type: none"> battery level/ autonomy stand-by deactivated lead compensation programmable alarms memory communication on memory used level
<ul style="list-style-type: none"> Earth measurement power on (1rod) / R_{earth} Earth loop impedance Z_{loop} (3 wires) 	- resistance from 0,50 Ω to 40,00 k Ω - measurement frequency: 128 Hz / no-load voltage 25 V or 50 V - 2 measurement modes: <ul style="list-style-type: none"> high current / with RCD tripping (better precision or selective measurements using current clamp) low current mode / without RCD tripping (rapidity) 	
<ul style="list-style-type: none"> Line impedance (Z_{line}) (2 wires) 	- resistance / impedance of loops L-N, L-L and L-PE from 0,20 Ω to 4000 Ω - short-circuit current: displayed up to 40 kA by calculation $IK=UREF / ZL-PE$	
<ul style="list-style-type: none"> Current measurement 	clamp connections 20 A (MN20 & C172) or 200 A (C174)	

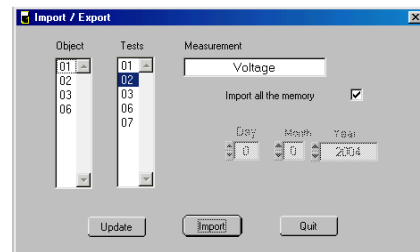
Accessoires :

<p>Earth kit P01.1019.99 carrying bag containing + 1 earth rod + 30 m green cable</p>	<p>Serial printer P01.1029.03</p>
	<p>Clamp MN20 P01.1204.40 Clamp C172 P01.1203.10 Clamp C176 P01.1203.30</p>

To order

C.A 6454 Loop Tester (Euro) P01.1235.11

Supplied with "hands free" carrying strap and accessories bag:
 1 mains lead
 1 3-wire lead
 3 test probes / 3 crocodile clips
 1 user's manual in 5 languages
 1 data transfer application software
 1 communication lead



General specifications

- Power supply: 6 x 1.5 V batteries or rechargeable batteries
- Complies with standards EN 61010-1 and EN 61557
- Electromagnetic compatibility (EMC) rating EN 61326
- IP 54 Dimensions: 211 x 108 x 60 mm ; Weight: 900 g

FRANCE
 Chauvin Arnoux
 190, rue Championnet
 75876 PARIS Cedex 18
 Tel: +33 1 44 85 44 86
 Fax: +33 1 46 27 95 59
 export@chauvin-arnoux.fr
 www.chauvin-arnoux.fr

UNITED KINGDOM
 Chauvin Arnoux Ltd
 Waldeck House - Waldeck Road
 MAIDENHEAD SL6 8BR
 Tel: +44 1628 788 888
 Fax: +44 1628 628 099
 info@chauvin-arnoux.co.uk
 www.chauvin-arnoux.co.uk

MIDDLE EAST
 Chauvin Arnoux Middle East
 P.O. BOX 60-154
 1241 2020 JAL EL DIB (LEBANON)
 Tel: +961 1 890 425
 Fax: +961 1 890 424
 camie@chauvin-arnoux.com
 www.chauvin-arnoux.com

CHAUVIN ARNOUX
 GROUP