

POINT-TO-POINT CONTINUITY TESTER

Model CA 6011

**A UNIQUE WRIST-WORN
POINT-TO-POINT CONTINUITY
TESTER FOR TESTING GROUNDED
PATHWAYS AND CONNECTIONS
OVER LONG DISTANCES!**

- ▶ **Versatile**
Easily verify grounded pathways during commissioning or troubleshooting
- ▶ **Fast and Simple**
Significantly faster than traditional ground resistance meters
- ▶ **Easy Access**
Conveniently verify a connection even in hard-to-reach locations
- ▶ **Accurate**
Polarity reversal and 200 mA test current ensure reliable results
- ▶ **Time-Saving**
Audible alarm and vibration mode speed up workflow
- ▶ **Lightweight**
Comfortable wrist-strap design for hands-free use



Our products are backed by over 130 years of experience in test and measurement equipment, and encompass the latest international standards for quality and safety.

AEMC[®]
INSTRUMENTS
CHAUVIN ARNOUX GROUP

1.888.610.7664

 www.calcert.com

sales@calcert.com

Point-to-Point Continuity Tester

Model CA 6011

A Faster, Simpler, and Lightweight Solution for Testing Grounded Pathways and Connections Over Long Distances!

The Model CA 6011 Continuity Tester is a unique wrist-worn point-to-point testing meter designed to **quickly verify continuity across large interconnected systems**.

Its 200 mA output, automatic polarity reversal, and precision continuity probe ensure **accurate confirmation of conductive paths—even in hard-to-reach locations**. Easily verify lightning conductors, EGCs, motor frames, signal grounds, and cabinets by connecting to a ground bus or lug, then making contact with the component under test at any point of the system.

The Model CA 6011 can activate an **audible alarm, vibrate**, or both when a low resistance range is measured, ensuring the operator a conductive path exists between the two paths.

Built for speed and repeatability, it takes the guesswork out of testing so you can move through even large systems with ease and confidence!

APPLICATIONS

Objects that could be tested:

- ▶ EGC (*equipment ground conductors*)
- ▶ Swimming pool grounds
- ▶ Lightning conductors
- ▶ GEC (*ground electrode conductors*)
- ▶ Isolated ground conductors
- ▶ Electrical cabinets
- ▶ Motors
- ▶ Building steel
- ▶ Light fixtures
- ▶ Data centers
- ▶ Solar racks
- ▶ Windmill blades

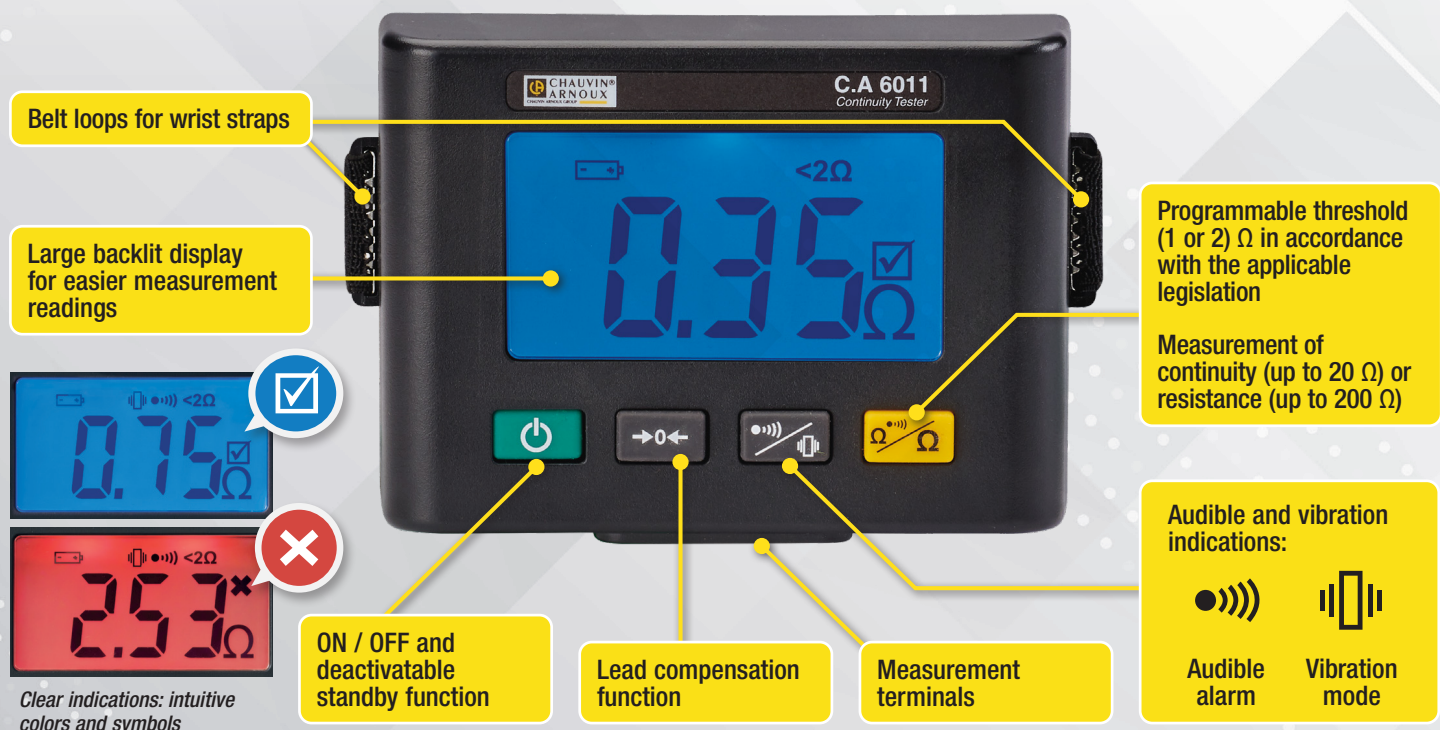
Applicable industries:

- ▶ Lightning protection
- ▶ Traffic management
- ▶ Data centers communications
- ▶ Solar/renewable energy
- ▶ MSHA (*mining and general contractors*)
- ▶ Static grounds for hazardous materials (*paint shops, chemical processing*)
- ▶ Utility (*construction for commissioning ground integrity for substations*)



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USER INTERFACE





MODEL CA 6011		
ELECTRICAL		
Continuity Mode		
Range	(0.00 to 2.00) Ω	(2.00 to 20.00) Ω
Resolution	10 m Ω	
Measurement Current (with automatic polarity reversal)	200 mA	20 mA
Open-Circuit Voltage	$\pm(4 V_{DC} < U < 6 V_{DC})$	
Threshold	Programmable 1 Ω or 2 Ω	
Resistance Mode		
Range	(1.0 to 200.0) Ω	
Resolution	100 m Ω	
Measurement Current	10 mA	
Open-Circuit Voltage	$\pm(4 V_{DC} < U < 6 V_{DC})$	
Compensation of Lead Resistance	Yes, < 5 Ω	
MECHANICAL		
Battery Life	30,000 measurements typically	
Automatic Standby	10 minutes / deactivatable	
Power Supply	(4) 1.5 V AA / LR6 batteries	
Dimensions	(8.86 x 7.28 x 5.31) in (225 x 185 x 135) mm	
Weight	12.34 oz (350 g)	
SAFETY		
Safety Ratings	IEC 61557 parts 1 and 4, IEC 61010-1, IEC 61010-2-030, 300 V CAT IV	

Consult factory for NIST Calibration prices.

FEATURES

- **Comfortable:** wrist-worn and lightweight
- **Convenient:** continuity probe assists with performing testing in hard-to-reach areas
- **Efficient:** performs significantly faster than a ground resistance type meter
- **Accurate:** automatic polarity reversal
(applies current + to - then - to + for more reliable results)
- **Lead compensation** for more accurate measurements
- **Constant operation:** continuously measures — no need to press a button to start or stop a test
- Commissioning or troubleshooting bonded non-current carrying conductive pathways to ground
- Checking connections over long distances
- **Compatible with AEMC® Instruments ground testing accessories** (instrument will work with our reel kits)



PRODUCT INCLUDES

Point-to-Point Continuity

Tester Model CA 6011 Cat. #2135.62

- Meter with elastic wrist strap
- (4) AA batteries in small white box with sleeve
- Safety sheet and user manual

Point-to-Point Continuity

Testing Kit Model CA 6011 Cat. #2135.63

- Meter with elastic wrist strap
- (4) AA batteries
- Small classic tool bag
- (1) Black test probe
- (1) 150 ft red lead on spool
- (1) 5 ft red lead (straight/straight)
- (1) 5 ft black lead (straight/straight)
- (1) Continuity probe set
- Safety sheet and user manual

Testing Kit Model CA 6011 Cat. #2135.63



ACCESSORIES & REPLACEMENT PARTS

- Continuity probe set Cat. #2138.54
- Probe — black test probe
(Rated 1000 V CAT IV, 15 A, UL V2) Cat. #5000.97
- Wire — red (150 ft) on reel Cat. #5000.04
- Small classic tool bag Cat. #2133.72





Family of Products

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BUILT TO LAST™