

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.

Technical Hotline: (800) 343-1391
www.aemc.com

AEMC[®]
INSTRUMENTS
CHAUVIN ARNOUX GROUP

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

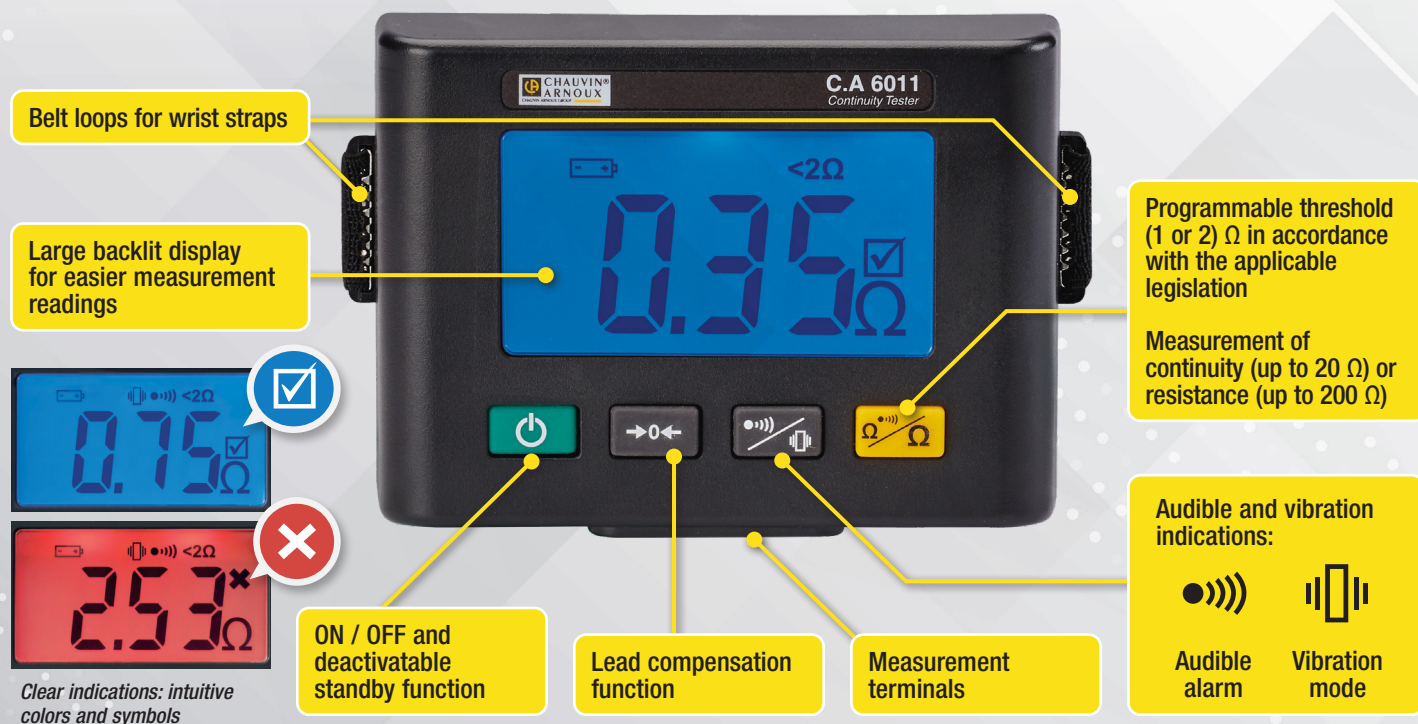
Applicable industries:

- ▶ 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*)



SCAN HERE TO
LEARN MORE

USER INTERFACE





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



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

| MODEL CA 6011 | | |
|--|--|-------------------|
| ELECTRICAL | | |
| Continuity Mode | | |
| Range | (0.00 to 2.00) Ω | (2.00 to 20.00) Ω |
| Resolution | 10 mΩ | |
| Measurement Current (with automatic polarity reversal) | 200 mA | 20 mA |
| Open-Circuit Voltage | ±(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 mΩ | |
| Measurement Current | 10 mA | |
| Open-Circuit Voltage | ±(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)





Family of Products

UNITED STATES & CANADA

Chauvin Arnoux[®], Inc.
d.b.a. AEMC[®] Instruments
15 Faraday Drive
Dover, NH 03820 USA
(603) 749-6434

Customer Support
Place orders, obtain prices
and delivery options
(800) 343-1391
customerservice@aemc.com

Sales & Marketing Department
sales@aemc.com
marketing@aemc.com

Repair & Calibration Service
repair@aemc.com

**Technical & Product
Application Support**
(800) 343-1391
techsupport@aemc.com

INTERNATIONAL SUPPORT

**South America,
Central America,
Mexico & the Caribbean,
Australia & New Zealand**

Chauvin Arnoux[®], Inc.
d.b.a. AEMC[®] Instruments
15 Faraday Drive
Dover, NH 03820 USA
export@aemc.com

All other countries

Chauvin Arnoux[®]
12-16 Rue Sarah Bernhardt
92600 Asnières-Sur-Seine, FR
+1 33 1 44 85 45 85
info@chauvin-arnoux.com
www.chauvin-arnoux.com

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Call the Technical Assistance Hotline: (800) 343-1391