

# GROUND RESISTANCE TESTERS

## POINT-TO-POINT CONTINUITY TESTER

300 V  
CAT IV



### MODEL CA 6011

*A faster, simpler, and lightweight solution for testing grounded pathways and connections over long distances – even in hard-to-reach locations!*



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### 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 accurate results*)
- **Lead compensation** for 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*)

### APPLICATIONS

#### Test continuity on:

- 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 ground for hazardous materials (*paint shops, chemical processing*)
- Utility (*construction for commissioning ground integrity for substations*)

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 <sub>DC</sub> < U < 6 V <sub>DC</sub> )	
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 <sub>DC</sub> < U < 6 V <sub>DC</sub> )	
Compensation of Lead Resistance	Yes, < 5 Ω	
MECHANICAL		
Battery Life	30,000 measurements typically	
Automatic Standby	10 min / 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.

### PRODUCT INCLUDES

**Model CA 6011:** Includes elastic wrist strap, (4) AA batteries in small white box with sleeve, safety sheet and user manual.

**Testing Kit Model CA 6011:** Includes elastic wrist strap, (4) AA batteries, small classic tool bag, (1) 5 ft red lead (*straight/straight*), (1) 5 ft black lead (*straight/straight*), (1) black test probe, (1) 150 ft red lead on spool, (1) continuity probe set, safety sheet and user manual.

**Testing Kit Model CA 6011 Cat. #2135.63**



CAT. #	DESCRIPTION
2135.62	Point-to-Point Continuity Tester Model CA 6011
2135.63	Point-to-Point Continuity Testing Kit Model CA 6011