

Static Ground and Bond Test System Kit

For Hazmat Applications



Be ready for any hazmat spill application, big or small with **AEMC® Instruments Emergency Responder Static Ground and Bond Test System Kit**

- ▶ Complies with the grounding and testing recommendations of NFPA 472
- ▶ Significantly reduces or eliminates the potential for sparks and explosion due to static electricity
- ▶ Contains all the equipment needed to properly ground and test prior to flammable hazardous material transfer
- ▶ One button test operation provides quick results minimizing valuable time to transfer potential combustible material



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.

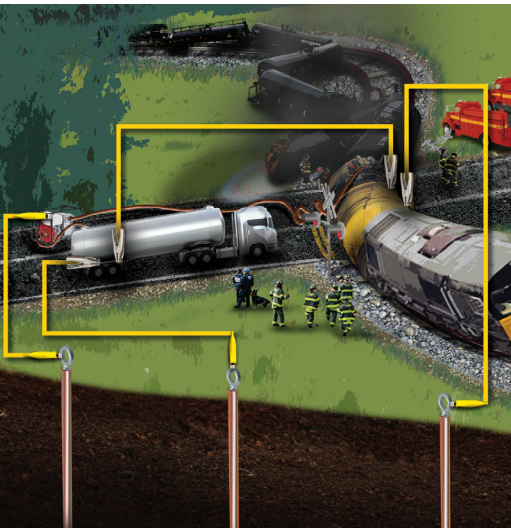
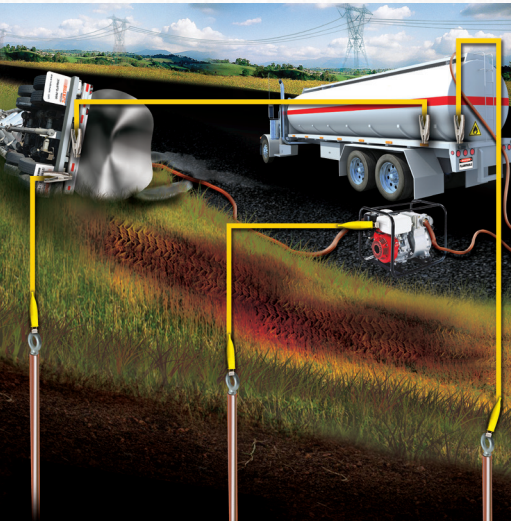
Technical Hotline: (800) 343-1391
www.aemc.com

AEMC®
INSTRUMENTS
CHAUVIN ARNOUX GROUP

Improving Safety for First Responders

Static Ground and Bond Test System Kit Catalog #2155.01

Kit includes: (Meter, two 150 ft color-coded leads on spools (red/blue), one 30 ft lead (green), two 14.5" T-shaped auxiliary ground electrodes, one calibration checker, batteries and user manual). One 100 ft tape measure and eight cable ties. Six threaded copper clad 3 ft ground rods, four ground rod couplers, one 50 ft bonding cable with REB clamps, three 50 ft grounding cables (REB clamp on one end, Mueller clip on the other end), six 10 ft ground rod jumper cables with Mueller clip on both ends, one ground rod driver/extractor tool, waterproof utility carrying case with wheels and handle.



Digital Ground Resistance Tester (included with Static Ground and Bond Test System Kit) Model 6422 Kit-150 ft



Ground Resistance (2P Mode)				
Display	Backlit LCD			
Measurement Range	0.05-99.99 Ω	80.0-999.9 Ω	0.800-9.999k Ω	8.00-50.00 k Ω
Resolution	0.01 Ω	0.1 Ω	1 Ω	10 Ω
Ground Resistance (3P Mode)				
Measurement Range	0.50-99.99 Ω	80.00-999.99 Ω	0.800-2.000k Ω	—
Resolution	0.01 Ω	0.1 Ω	1 Ω	—
Measurement Frequency	128 Hz or 256 Hz (automatically selected)			
No-load Voltage	± 10 V peak			
Maximum Test Current	20 mA			
Measurement Mode	One shot or continuous			
General				
Power Supply	(6) AA Alkaline batteries			
Battery Life	> 2,000 x 3P earth measurements at 100 Ω			
Dimensions	8.78 x 4.96 x 2.75" (223 x 126 x 70mm)			
Safety				
Safety Ratings	EMC: IEC 61326-1; IEC 61010-2-030 / 600 V CAT IV			

Model CA 773

Voltage Absence Tester



FEATURES

- Voltage detection with LED display of value
- Detects 12 VAC to 1000 VAC, 12 VDC to 1400 VDC
- Detects the absence of voltage
- Hazardous voltage indication
- Continuity test with visual resistance identification from 0.5 Ω to 2.999 kΩ
- Detection of stray voltages
- Removable lead and test probe
- Complies with EN 61243-3 & IEC 61010 1000 V CAT IV



Full autotest voltage protection with LED display

Model 275HVD

Non-Contact Voltage Detector



FEATURES

- Non-contact high voltage detector detects from 80 V to 275 kV
- Eight switch-selectable voltage sensitivity ranges
- Lightweight, minimizes sway at the end of long hot sticks
- Audible and visual (LED) indication of live voltage
- Self-test ensures that all system functions and indicators are working properly by energizing the complete system
- Designed for use with hot sticks incorporating a shotgun adapter



Warns the operator of live conductors with the use of its non-contact detection sensor

Models 6416 & 6417

Clamp-On Ground Resistance Testers



FEATURES

- Ground voltage indication (warns of possible unsafe conditions)
- Large multi-function bright yellow organic LED display
- Measures grounds without the need for auxiliary rods
- Stores resistance and current measurements with time-stamping
- View stored measurements on the display or via Bluetooth to a PC using DataView® software or with the Android™ based mobile application (Model 6417)



Provides high safety level with new ground voltage indication feature

Model 5217

Portable Hand-Held Multimeter



Measures a variety of electrical and physical quantities

FEATURES

- Non-contact voltage detection with red backlit display
- Measures AC voltage up to 750 V
- Measures DC voltage up to 1000 V
- Measures AC current directly up to 10 Amps
- Measures temperature up to 2192 °F
- Measures resistance and continuity



Model 6503

Hand-cranked Megohmmeter



FEATURES

- Three test voltages for insulation resistance testing: 250 V, 500 V and 1000 V
- Easy hand-cranked operation provides a steady, DC voltage output across the entire range for consistently reliable readings
- Especially useful where electrical power is not available and batteries are scarce



Model 1510

Air Quality Logger



FEATURES

- Audible and visual alert of high CO₂ concentration
- Simultaneous monitoring and recording of CO₂, temperature and humidity values
- Storage of up to 1 million readings
- Compact and autonomous – for stationary and mobile measurements
- USB power adapter for continuous measurements
- Display of indoor air quality level based on CO₂ content and humidity / air temperature
- On-Site Calibration Set



Model 2155.16

Ground Rod Jumper Cable



FEATURES

- 150 ft stainless steel jumper cable
- Mueller clip termination on each end is ideal for connection to ground rods
- Can be stored in the cable compartment of the Static Ground Kit

Accessory jumper cable for long distances

United States & Canada

**Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments**

15 Faraday Drive
Dover, NH 03820 USA
Tel (603) 749-6434
Fax (603) 742-2346

Customer Support

Place orders, obtain prices
and delivery options

(800) 343-1391

customerservice@aemc.com

Sales & Marketing Department

sales@aemc.com
marketing@aemc.com

United States & Canada (continued)

Repair & Calibration Service
repair@aemc.com

**Technical & Product
Application Support**

(800) 343-1391

techsupport@aemc.com

**South America, Central America,
Mexico & the Caribbean**

**Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments**

15 Faraday Drive
Dover, NH 03820 USA
export@aemc.com

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
Tel +1 33 1 44 85 45 85
Fax +1 33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com



Family of Products

THE SMART CHOICE

FOR ELECTRICAL TEST & MEASUREMENT INSTRUMENTS

To learn more, visit www.aemc.com

Call the AEMC® Instruments Technical Assistance Hotline for immediate consultation with an applications engineer: (800) 343-1391

AEMC® Instruments • 15 Faraday Dr. • Dover, NH 03820 USA • (800) 343-1391 • Fax (603) 742-2346 • E-mail: sales@aemc.com

Export Department: +1 (603) 749-6434 x520 • Fax +1 (603) 742-2346 • E-mail: export@aemc.com

950.BR-STATICGROUNDANDBONDTTESTSYSTEMKIT_0823 • Printed in the USA