Advanced Lab Scope Voltage & Current Testing

Other ATG seminars cover the testing procedures for manufacturer-specific systems and components. This new manual & seminar goes deeper into the test equipment instead, so there's more time to discuss emerging tools & techniques in voltage and current testing.

**New to Lab Scopes?** This seminar & manual are great for the technician that has a dusty Lab Scope – not quite sure how to get started. Lab Scope time and voltage settings, trigger, slope and coupling are all covered, as well as specific circuit connection tools, techniques and rules.

**Advanced User?** Even the most experienced Lab Scope users will benefit from the cool tricks we’ve gathered from the field, as well as some we’ve developed in-house. We’ll show the logic behind some great time-saving combination tests and back that up with examples from actual repairs.

**Specific topics discusses include:**

- ✓ Hand held & PC based Lab Scopes
- ✓ Little used high side & ground voltage drop waveforms
- ✓ Mechanical analysis using voltage & current waveforms
- ✓ Detailed pressure/vacuum transducer explanations & examples
- ✓ When the Graphing Multimeter function is a better alternative
- ✓ Current probe testing strategies
- ✓ Available minimally-invasive circuit connection tools
- ✓ The best test setup for the specific weaknesses of each component

One of the greatest features of the manual and seminar is a thorough explanation of voltage, resistance, and current test strengths and weaknesses for each low current (sensor) and high current (actuator). While we show a variety of tests so you have the flexibility, we focus on the one that makes the most sense for each type of circuit. As usual, that’s the test that gives you the most information for the least effort. So you’ll not only pick up some new testing techniques, but you’ll always know the most efficient test to perform first during each diagnosis. Diagnostic time will drop as accuracy increases!