

## Instrumentation for Locomotive Maintenance



- Direct replacements for meters on GE & EMD locomotives
- Additional models for light rail and other transit applications
- Rugged construction - metal cases, high shock mechanisms
- Measure speed, pressure, charge/discharge current, etc.
- Variety of sizes and styles, plus custom dials in any language
- Meter calibration and repair services
- Large inventory of meter accessories & electrical testers



For more than 30 years, locomotive manufacturers such as GE, EMD and Alstom (General Railway) relied on Weschler Instruments for speedometers, ammeters and other cab instrumentation. The products were supplied under the Weschler, EIL, MeterMaster and Trott company names. These same meters are now available to end users and service companies for maintenance and rebuilds.

We have hundreds of OEM drawings on file and can provide an exact replacement for many models. These drawings include special designs for regional transit systems, such as SEPTA (Southeastern PA), NYCTA (New York City), Metra (Chicago) and NICTD (Northern Indiana). If the meter you need is obsolete or not one of our existing designs, our Meter Modification Center will work with you to select and customize a substitute meter. Our customization capabilities include modifications to the meter housing and movement, custom dials and illumination.

We offer quick turnaround on standard items utilizing our large inventory of component parts and in-house design capabilities. Using computerized layout and fabrication, we can provide dials in any language, with special markings as needed for the application. We also offer meter calibration and repair services.

Call or email us to discuss any meter requirements that you have, whether for transportation or other end uses.



90° Deflection



250° Deflection

**Round Indicators to 4½"**

**Illuminated Meters**

**Special OEM Designs**

Weschler Instruments also offers a complete line of meter accessories and electrical test equipment. Popular items for transportation maintenance and repair include shunts, current transformers, multimeters, ohmmeters, insulation testers, ground resistance testers and calibrators.



**Digital Multimeters**



**AC/DC Clamp Meters to 3,000 A**



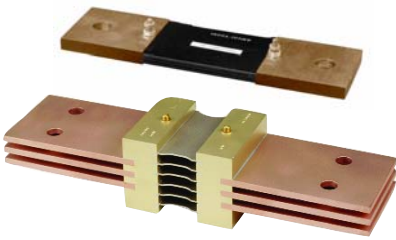
**Simpson Railroad Tester**



**Megger Insulation Testers**



**Digital Low Resistance Ohmmeters**



**DC Current Shunts to 10,000 Amps**



**AC Current Transformers to 6,000 Amps**

Weschler distributes a wide range of products to sense, measure, display, transmit, control and record power and process signals. In addition to our own products, we carry over 50 leading manufacturers, so we can recommend the solution that best fits your application. Weschler Instruments maintains a full-capability **Meter Modification Center** to satisfy special meter requirements. We carry an extensive inventory of parts to quickly perform modifications on all major brands of analog and digital panel meters. These include special ranges, special resistances and special sensitivities for analog meters. We can create a custom dial for an application with special scaling, color zones, custom legends, dual scales, company logo and other unique markings. Typical digital modifications include scaling the input, installing setpoint relays, adding digital communications and meter programming. We also offer calibration and repair services.

Whether your application is best served by a Weschler product or one of the many products we distribute, our experienced Application Specialists will be happy to work with you to solve your measurement and control needs. We specialize in industrial and military applications that require rugged, reliable and accurate instrumentation.

Visit [weschler.com](http://weschler.com) for information on our complete line of:

- Analog Meters
- Digital Meters
- Bargraph Meters
- Sensors and Transducers
- Signal Conditioners
- Controllers
- Recorders and Data Loggers
- Test Equipment



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**75 Years of Power & Process Measurements**