

Instrumentation for Utility & Industrial Power Applications



Typical Applications

- Power station control rooms
- Generator control panels
- GSU transformers
- T&D substations
- Nuclear & hydro plants
- Wind farms
- Solar arrays
- Backup power systems
- Industrial power systems

Generation, Transmission, Distribution

- ◆ Digital, analog & bargraph meters
- ◆ Wide selection of styles and sizes, from 1" to 12"
- ◆ Direct read of voltage, current, watts, vars, power factor, phase, frequency, rpm, temperature & transducer outputs
- ◆ Nuclear qualified meters
- ◆ Transducers & sensors
- ◆ Transformer monitors
- ◆ Electrical test equipment
- ◆ Calibration & repair services
- ◆ Weschler and other major brands

Utility and industrial customers worldwide use Weschler instrumentation to monitor and control critical power functions. Typical applications are in control rooms, generator panels, backup systems and distribution panels. Our Westinghouse-design **analog switchboard meters** have been the standard in fossil fuel and nuclear control rooms for decades. The Power Series Plus **digital switchboard meters** monitor ac power parameters - volts, amps, frequency, watts, vars, power factor, in single and three phase systems. Digital meters are also available to monitor dc power systems, such as solar arrays and transit rail systems. Weschler **BarGraph meters** combine a visual trend indication with a precise digital readout and network connectivity. We also have specialized products for hydro plants, renewable energy facilities and control room simulators. Weschler carries all major brands of analog and digital panel meters, so we can be your single source for meters and measuring products.

The Weschler Transformer Advantage is an intelligent electronic monitor that protects large GSU and substation transformers. Models can be configured for installation on new transformers or field retrofit on existing transformers.

Combine a Weschler meter with a transducer for generator control, load monitoring, demand management and other power applications. A wide selection of current transformers, voltage transformers, transducers, sensors, signal conditioners, transmitters and meter accessories complement our extensive meter catalog. Call or email us to discuss your application.



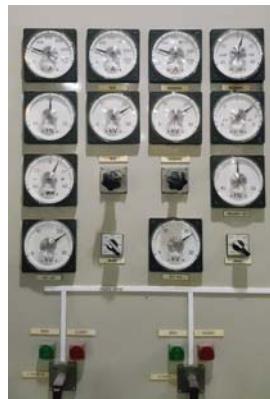
Control rooms



Control panels



Generator controls



Distribution panels



Auxiliary power panels



Transformer gauge retrofits

To support our power customers, Weschler carries electrical test equipment from leading manufacturers - insulation testers, ground resistance testers, high voltage detectors, power analyzers, transformer testers, and related products. General purpose test and troubleshooting tools are also available - multimeters, clamp meters, data loggers, process calibrators, temperature meters, etc.



Bargraph Meters

Analog Meters

Power & Energy Meters



Transformer Monitors

Current & Potential Transformers

Digital Panel Meters

Transducers & Sensors

Electrical Test Equipment

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. We operate a full-capability **Meter Modification Center** to satisfy special meter requirements. Our large inventory of parts allows us to quickly perform modifications on all major brands of analog and digital panel meters. These include special ranges, special resistances and custom dials for analog meters. Typical digital modifications involve scaling the input, installing setpoint relays, adding digital communications and meter programming.

Weschler's Meter Modification Center can assemble instruments into a panel, rack or enclosure. This simplifies installation of one instrument or a large instrument cluster. Products from several manufacturers can be combined to meet the application requirements. We often add ancillary controls, signal conditioners and outputs as needed. 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 commercial applications that require rugged, reliable and accurate instrumentation.

Visit 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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