Instrumentation for Marine Applications

- Digital, analog & bargraph meters
- Sensors, transducers & signal conditioners
- Industrial, high-shock & spray-tight construction
- Wide selection of meter sizes, from 2" to 12"
- Direct read of voltage, current, power, temperature, frequency and most sensor outputs
- Illuminated analog & high brightness digital options
- Weschler and other major brands
- Custom configurations and scales
- Meter accessories and test equipment
- Meter integration, calibration & repair services

U.S. Navy and Coast Guard vessels rely on Weschler indicators to monitor critical shipboard functions. Digital Bargraph meters are used on aircraft carriers as engine room indicators, flying bridge controls, power system monitors and bridge indicators. Rugged, EMI hardened Bowmar Bargraphs are installed on nuclear submarines for readout of rudder position, screw speed, depth, dive pitch, ballast tank level, bearing temperature, fuel status and other parameters.

Commercial vessels also utilize Weschler analog & digital instrumentation for ship operations and ancillary systems. Cable laying ships use high shock digital meters to readout tension, pressure and speed when placing or repairing undersea communication and power cables. Weschler meters on dredging barges monitor suction/pressure lines and positioning thrusters. Tugboats employ Weschler indicators to display engine power, screw speed, thruster position and other ship functions.

A wide selection of accessories, sensors, signal conditioners, transmitters and test equipment complement our extensive meter catalog. Call or email us to discuss your marine instrumentation application.

Typical Applications
- Shaft speed
- Rudder position
- Tank level
- Temperature
- Pressure
- Depth
- Voltage
- Current
- Frequency

DIN-Style Analog Panel Meters   **Switchboard Meters**   **Digital Panel Meters**   **Digital Bargraph Meters**   **High-Shock Bargraph Meters**

Bridge and flying bridge control panels

Power generation and distribution

Engine room, loading bay & other local indicator panels

Weschler Instruments offers an extensive line of meters and testers for marine applications. Popular items include digital panel meters, digital bargraph meters, analog panel meters and switchboard meters.   We also offer counters, timers, meter relays and controlers, as well as a broad selection of sensors, signal conditioners and electrical test equipment.

Digital Bargraph Meters

Digital Panel Meters

Analog Panel Meters

Tri-Color Bargraph Meters

Sensors, Signal Conditioners, Shunts, & Current Transformers

Switchboard Meters

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 military 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

SENSE   MEASURE   DISPLAY   TRANSMIT   CONTROL   RECORD   TEST

WESCHLER INSTRUMENTS
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