



**WESCHLER
INSTRUMENTS**
DIVISION OF HUGHES CORPORATION

INSTRUMENTATION PRODUCTS

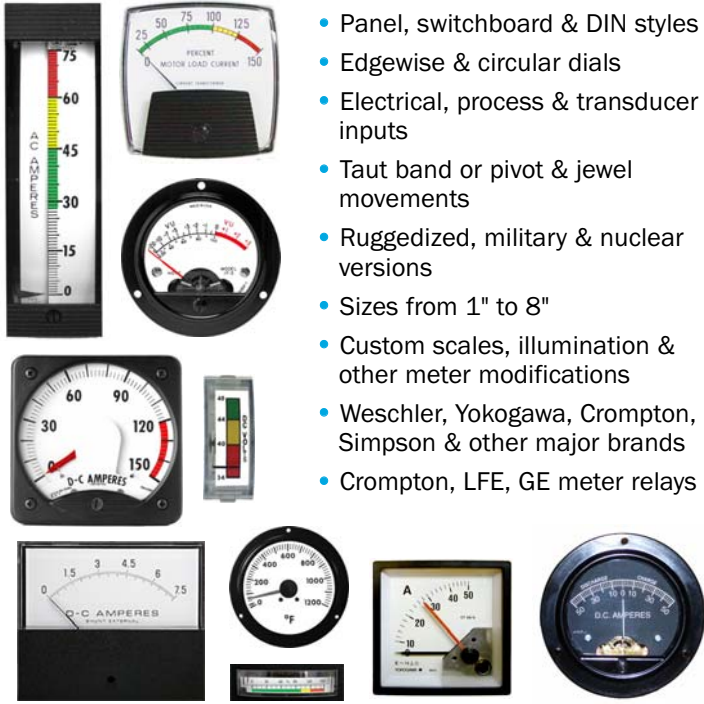


Serving Industrial and Commercial Users for Over 75 Years

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ANALOG METERS



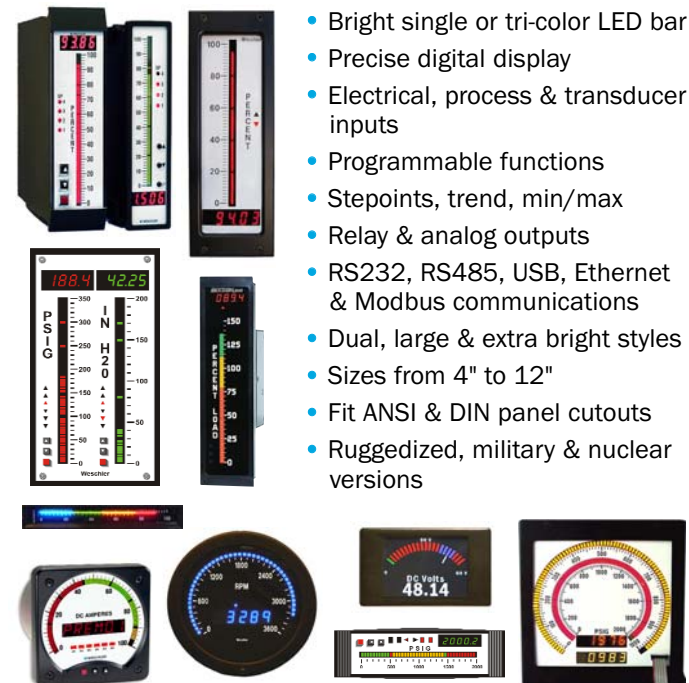
- Panel, switchboard & DIN styles
- Edgewise & circular dials
- Electrical, process & transducer inputs
- Taut band or pivot & jewel movements
- Ruggedized, military & nuclear versions
- Sizes from 1" to 8"
- Custom scales, illumination & other meter modifications
- Weschler, Yokogawa, Crompton, Simpson & other major brands
- Crompton, LFE, GE meter relays

DIGITAL METERS



- Numeric, alpha-numeric & graphic readouts
- 3 to 8 digit resolution
- LED & LCD displays
- Electrical, process, sensor & transducer inputs
- Programmable functions
- Panel, surface or DIN rail mount
- Relay & analog outputs
- RS232, RS485, USB, Ethernet & Modbus communications
- Counters, timers & specialty meters
- AC, DC or loop powered
- Wide range of sizes

BARGRAPH METERS



- Bright single or tri-color LED bar
- Precise digital display
- Electrical, process & transducer inputs
- Programmable functions
- Stepoints, trend, min/max
- Relay & analog outputs
- RS232, RS485, USB, Ethernet & Modbus communications
- Dual, large & extra bright styles
- Sizes from 4" to 12"
- Fit ANSI & DIN panel cutouts
- Ruggedized, military & nuclear versions

CONTROLLERS



- PID, proportional & on/off control
- Digital & bargraph displays
- Temperature, process, level & other signal inputs
- Reverse acting, fuzzy logic modes
- Specialty batch & limit controllers
- Ramp & soak cycles
- Relay & analog outputs
- RS232, RS485, USB, Ethernet & Modbus communications
- Color changing displays
- Sealed IP65 front bezels
- 1/32 to 1/4 DIN & other sizes
- Analog meter relays



SIGNAL CONDITIONERS



- Transmitters, isolators & alarms
- 4-20mA loop splitters
- DCV, ACV, DCA, ACA, frequency, resistance, temperature, bridge & other inputs
- Square root, curve fit & other math functions
- Serial to analog & frequency to analog converters
- AC or DC powered
- Local readout & status indicators
- Plug-in, flush panel mount or DIN-rail mounting
- T/C head & explosion proof types



SENSORS / TRANSDUCERS



- Solid & split-core CTs
- Voltage/potential transformers
- DC shunts to 10,000 amps
- AC & DC current transducers
- Power & energy transducers
- Thermocouples & RTDs
- Pressure gauges & transmitters
- Flow & level sensors
- Load cells
- Current switches
- Tach generators
- Speed & position sensors
- Infrared temperature sensors
- Humidity & CO₂ transmitters
- Smart sensors



RECORDERS / DATALOGGERS



- Chart recorders
- Paperless recorders
- Portable data loggers
- Process loggers: DCV, mA, pulse
- Temperature/humidity monitors
- AC voltage/current loggers
- Power & energy monitors
- Sound level dataloggers
- Logging multimeters
- Plug-in USB data loggers
- Wall, panel or DIN rail mounting
- Single channel to 50 channels
- RS485, USB, Ethernet, Bluetooth
- Programmable storage rates



TEST EQUIPMENT



- Multimeters: 3½ to 5½ digit
- Clamp-on meters to 3000A
- Power monitors & analyzers
- Process calibrators: V, mA, Ω, °C/F
- Thermometers: RTD, T/C
- Insulation & leakage testers
- HV testers to 1000kV
- Infrared cameras and meters
- Ground resistance testers
- Tachometers & strobes
- Light meters
- Sound level meters
- Micro-ohmmeters
- Cable, LAN & phase testers



PRODUCTS ♦ SERVICE ♦ SUPPORT

PRODUCTS

- Weschler and over 50 leading brands
- Analog, digital & bargraph meters
- Sensors, transducers and signal conditioners
- Controllers, recorders & data loggers
- Portable test equipment
- Meter enclosures & accessories
- Serving industrial and commercial customers for over 75 years

Weschler Instruments supplies a wide range of products to sense, measure, display, control, transmit, record and test your power and process signals. In addition to our own products, we carry over 50 leading brands - brands known for quality and reliability. We also offer products at different price points to fit a range of project budgets.

For over 75 years, customers worldwide have used products supplied by Weschler Instruments in power plants, steel mills, chemical plants, paper mills and other applications that required accurate, rugged and reliable instrumentation.

SERVICE

- Configure and build to order
- Complete meter modification center
- Extensive inventory
- Quick-turn production for rapid delivery
- Meter customizations
- Repair and calibration services
- Custom enclosure assemblies & instrument panels

Weschler maintains a full-capability Meter Modification Center to quickly build products to each order's requirements. We carry an extensive inventory of parts and are equipped to perform a variety of meter modifications. Custom analog dials (scales) are produced in house, using several different methods. In addition to installing functions and options in digital products, we can preset programmable parameters at our factory.

The Meter Modification Center will also assemble instruments into a panel, rack or enclosure. This simplifies field installation of one instrument or a large instrument cluster. Products from several manufacturers can be utilized to meet the application requirements. Ancillary controls, indicators, signal conditioners and outputs can be added as needed.

Weschler's repair department provides warranty and non-warranty repair services, including calibration traceable to NIST. Our large parts inventory includes original manufacturer replacement parts to facilitate rapid turn-around.

SUPPORT

- Pre-sale application assistance
- Instrument configuration support
- Post-sale technical support
- Experienced measurement specialists

Whether your application is best served by a Weschler product or one of the many products we distribute, our application specialists will be happy to work with you to solve your measurement and control needs. We're proud to have one of the most knowledgeable inside sales support teams in the industry, averaging over 25 years experience. With our extensive product catalog, we can recommend the solution that best fits your application. Our team will also provide post-sale technical support to assure that the products are functioning properly in your application.

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