



**WESCHLER  
INSTRUMENTS**  
DIVISION OF HUGHES CORPORATION

# INSTRUMENTATION PRODUCTS



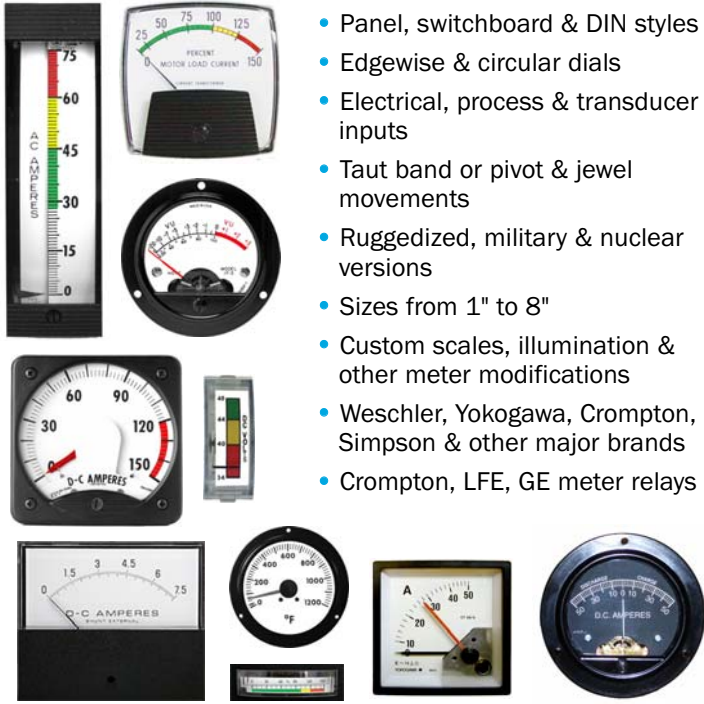
**Serving Industrial and Commercial Users for Over 75 Years**

16900 FOLTZ PARKWAY CLEVELAND, OHIO 44149 USA  
Toll free: 800-903-9870 Fax: 800-903-9590  
Phone: 440-238-2550 Fax: 440-238-0660

[www.weschler.com](http://www.weschler.com)  
[info@weschler.com](mailto:info@weschler.com)



## ANALOG METERS



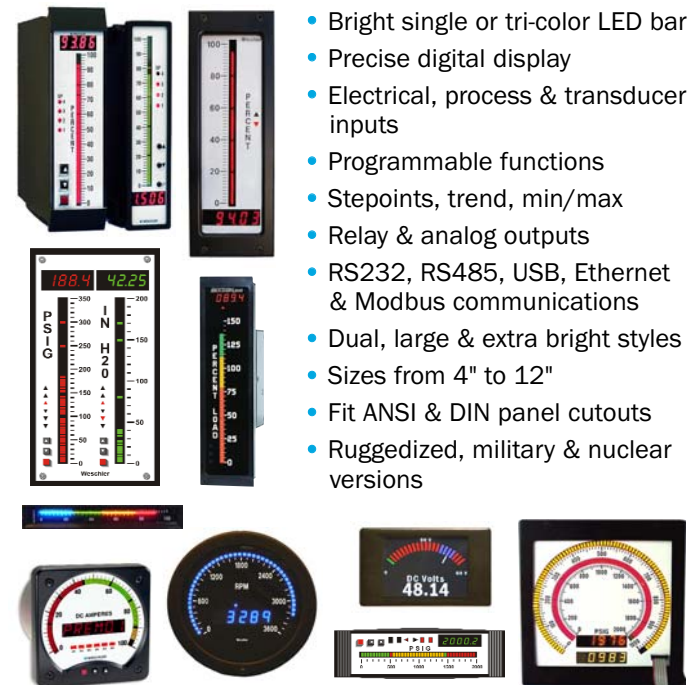
- Panel, switchboard & DIN styles
- Edgewise & circular dials
- Electrical, process & transducer inputs
- Taut band or pivot & jewel movements
- Ruggedized, military & nuclear versions
- Sizes from 1" to 8"
- Custom scales, illumination & other meter modifications
- Weschler, Yokogawa, Crompton, Simpson & 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 & CO<sub>2</sub> 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.

WM-07 9/16



**Accuenergy**

Power & Energy Meters

**Adalet**

Enclosures

**Adtech**

Signal Conditioners,  
Isolators, Alarms

**AEMC**

Test Equipment,  
Data Loggers,

**Amprobe**

Test Equipment

**API (Absolute Process)**

Signal Conditioners,  
Transducers, Transmitters

**Ashcroft**

Pressure Gauges, Switches,  
Transmitters and Calibrators

**ATC (Westcon/Diversified)**

Controllers, Counters,  
Relays, Sensors, Timers,  
Tachometer Generators,

**ATS (Applied Technical)**

Digital Meters, Counters,  
Clocks, Large Displays

**Bierer Meters**

High Voltage Test Equipment

**Canadian Shunts**

Current Shunts

**Control Switches**

Instrumentation Switches

**Crompton (Tyco)**

Analog & Digital Panel  
Meters, Switchboard Meters,  
Meter Relays, Protector  
Relays, AC Transducers

**Dixon (Ametek)**

Digital Bargraph Meters

**Electro Industries**

Power Meters, Analyzers,  
Power Quality Monitors

**Electromagnetic Industries**

Current Transformers

**Empro**

Current Shunts

**ENM**

Hour Meters, Counters

**Extech (Flir)**

Controllers, Data Loggers,  
Power Supplies, IR Cameras,  
Test Equipment

**Flexcore**

Current Transformers,  
Potential Transformers,  
Transducers

**Fluke**

Recorders, Calibrators,  
Test Equipment

**Fuji Electric**

Controllers, Recorders

**Hioki**

Meter Relays

**Hoyt**

Analog Panel & Switchboard  
Meters, Meter Relays

**GE - ITI**

Current Transformers,  
Potential Transformers

**International Instruments**

Analog Panel Meters

**Jewell (Modutec)**

Analog Panel Meters

**KEP (Kessler Ellis)**

Controllers, Panel Meters,  
Sensors, Operator Interfaces

**Kobold**

Flow, Level, Pressure &  
Temperature Sensors

**Lascar Electronics**

Digital Panel Meters,  
Data Loggers, HMI's

**Laurel Electronics**

Digital Panel Meters,  
Counters, Transmitters,  
Isolators

**LFE**

Analog Meters, Meter Relays

**London Electronics**

Digital Panel Meters, Clocks,  
Timers, Displays, Converters

**Megger/Biddle**

Test Equipment

**NK Technologies**

Current Transducers, Power  
Transducers & Switches

**NLS (Non-Linear Systems)**

Digital Panel Meters,  
Signal Conditioners

**Noshok**

Pressure Sensors, Gauges  
& Transmitters

**Partlow**

Controllers

**PIE (Practical Instrument  
Electronics)**

Process Calibrators

**Prime Instruments**

Analog Panel Meters

**Pyragon (Transmation)**

Process I/O Modules,  
Transmitters, Isolators

**Pyromation**

Temperature Sensors,  
Transmitters, Thermowells

**Sifam Tinsley**

Analog and Digital Panel  
Meters, Transducers,  
Controllers, Power Supplies

**Simpson Electric**

Analog and Digital Panel  
Meters, Meter Relays,  
Test Equipment

**SUSI**

Enclosures

**Texmate**

Digital Panel Meters,  
Counters, Bargraph Meters,  
Power Transducers

**Trumeter**

Digital Panel Meters,  
Counters

**Veris**

Power Monitors, Switches,  
Transducers, Current &  
Potential Transformers

**Weschler Instruments**

Analog & Switchboard  
Meters, Panel Meters,  
Digital Bargraph Meters,  
Power Meters, Shunts,  
Transducers, Enclosures

**West**

Controllers, Recorders,  
Thermostats, Timers

**Yokogawa**

Recorders, Controllers,  
Calibrators, Test Equipment,  
Signal Conditioners

We can also supply replacements for:

A&M, Beede, EIL, GE, Martel, Metermaster, Triplett, Westinghouse, Weston & Yokogawa panel meters.

# Your Best Source for Meters, Sensors and Instrumentation



75 Years of Power and Process Measurements

## **Analog Panel Meters**

Crompton (Tyco)  
Hoyt  
International Instruments  
Jewell/Modutec  
LFE  
Prime Instruments  
Simpson  
Weschler (Westinghouse)

## **Digital Panel Meters**

Applied Technical (ATS)  
Crompton (Tyco)  
Jewell (Modutec)  
KEP  
Lascar Electronics  
Laurel Electronics  
London Electronics  
NLS (Non-Linear Systems)  
Sifam Tinsley  
Simpson  
Texmate  
Trumeter  
Weschler

## **Switchboard Meters**

Accuenergy  
Crompton (Tyco)  
Hoyt  
Sifam Tinsley  
Weschler (Westinghouse)

## **Bargraph Meters**

Dixson (Ametek)  
Texmate  
Trumeter  
Weschler

## **Analog Meter Relays**

Crompton (Tyco)  
Hioki  
Hoyt  
LFE  
Simpson

## **Large Displays**

Applied Technical (ATS)  
London Electronics

## **Power / Energy Monitors**

Accuenergy  
Crompton (Tyco)  
Electro Industries  
Sifam Tinsley  
Trumeter  
Veris  
Weschler  
Yokogawa

## **Ruggedized Meters**

Crompton (Tyco)  
Hoyt  
LFE  
Simpson  
Weschler (Westinghouse)

## **Counters/Timers/ Clocks**

ATC  
Applied Technical (ATS)  
ENM  
KEP  
Laurel Electronics  
London Electronics  
Sifam Tinsley  
Texmate  
Trumeter  
Weschler (EIL)  
West

## **Controllers**

ATC  
Extech  
Fuji Electric  
KEP  
Partlow  
Sifam Tinsley  
West  
Yokogawa

## **Shunts**

Canadian Shunts  
Empro  
Weschler

## **CTs, PTs**

Electromagnetic Industries  
Flexcore  
GE - ITI  
Veris  
Weschler

## **Transducers**

Crompton (Tyco)  
NK Technologies  
Sifam Tinsley  
Texmate  
Veris  
Weschler

## **Sensors**

Ashcroft  
ATC (Westcon)  
KEP  
Kobold  
Noshok  
Pyromation

## **Signal Conditioners/ Transmitters**

API (Absolute Process)  
Adtech  
Laurel Electronics  
NLS (Non-Linear Systems)  
Pyragon (Transmation)  
Pyromation  
Weschler  
Yokogawa

## **Isolators**

API (Absolute Process)  
Adtech  
Laurel Electronics  
Pyragon (Transmation)

## **Alarms/Switches**

Adtech  
API (Absolute Process)  
ATC  
Control Switches  
NK Technologies  
Veris

## **Recorders/ Data Loggers**

AEMC  
Extech  
Fluke  
Fuji Electric  
Lascar Electronics  
West  
Yokogawa

## **Power Supplies**

Extech  
Sifam Tinsley

## **Enclosures**

Adalet  
SUSI  
Weschler

## **Process Calibrators**

Extech  
Fluke  
PIE  
Yokogawa

## **Test Equipment**

AEMC  
Amprobe  
Bierer Meters  
Extech (Flir)  
Fluke  
Megger/Biddle  
Simpson  
Sifam Tinsley  
Yokogawa

SENSE ♦ MEASURE ♦ DISPLAY ♦ CONTROL ♦ TRANSMIT ♦ RECORD ♦ TEST

www.weschler.com • 440-378-6580 • toll free: 800-903-9870 • info@weschler.com

Offices in Ohio, New York, Florida, South Carolina & Texas

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