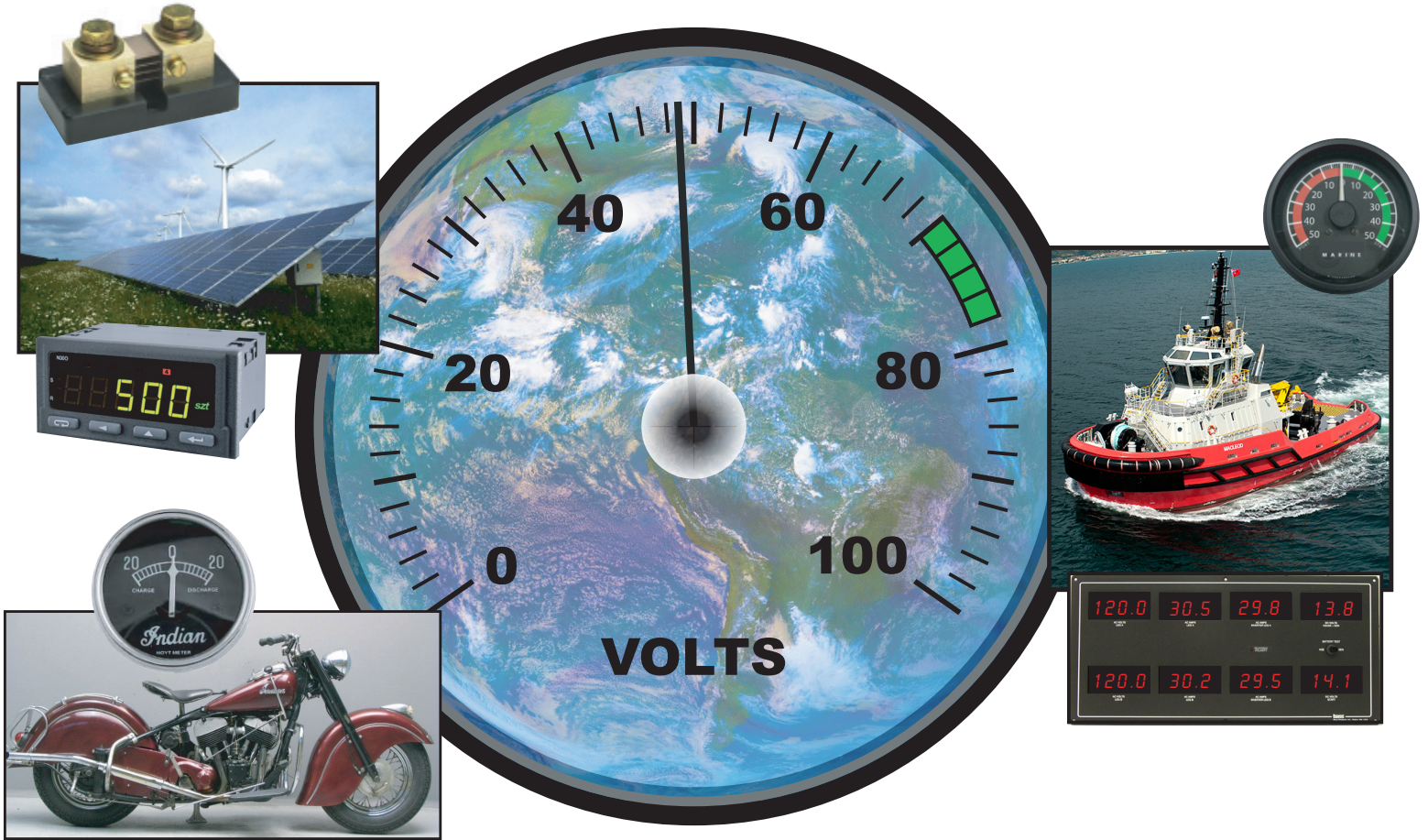


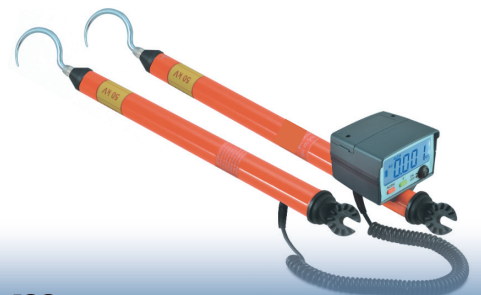
How Does Hoyt Measure the World?



Hoyt Product Overview and Vertical Market Solutions

Since 1904, Hoyt has designed and manufactured quality panel meters to handle almost any application right here in the USA. These applications cross over to several markets that are found around the world. Today, Hoyt is much more than just a panel meter manufacturer. While analog meters are still our passion, we have evolved to provide custom solutions that keep the world spinning in the right direction.

Marine	Switchboard	Power and Utility	Process Control	Manufacturing	Wind & Solar
Rudder Angle Indicators Switchgear Ship-shore Metering DC Shunts Current Transformers	Analog Meters Transducers Potential Transformers Switchboard Meters	Magna-Core Transformers Voltage Detectors Digital Meters Analog Meters	Transducers DC Digital Meters DC Analog Meters Signal Conditioning	OEM Analog Meters OEM Digital Meters	DC Shunts DC Power Monitors DC Transducers Signal Conditioning



www.hoytmeter.com

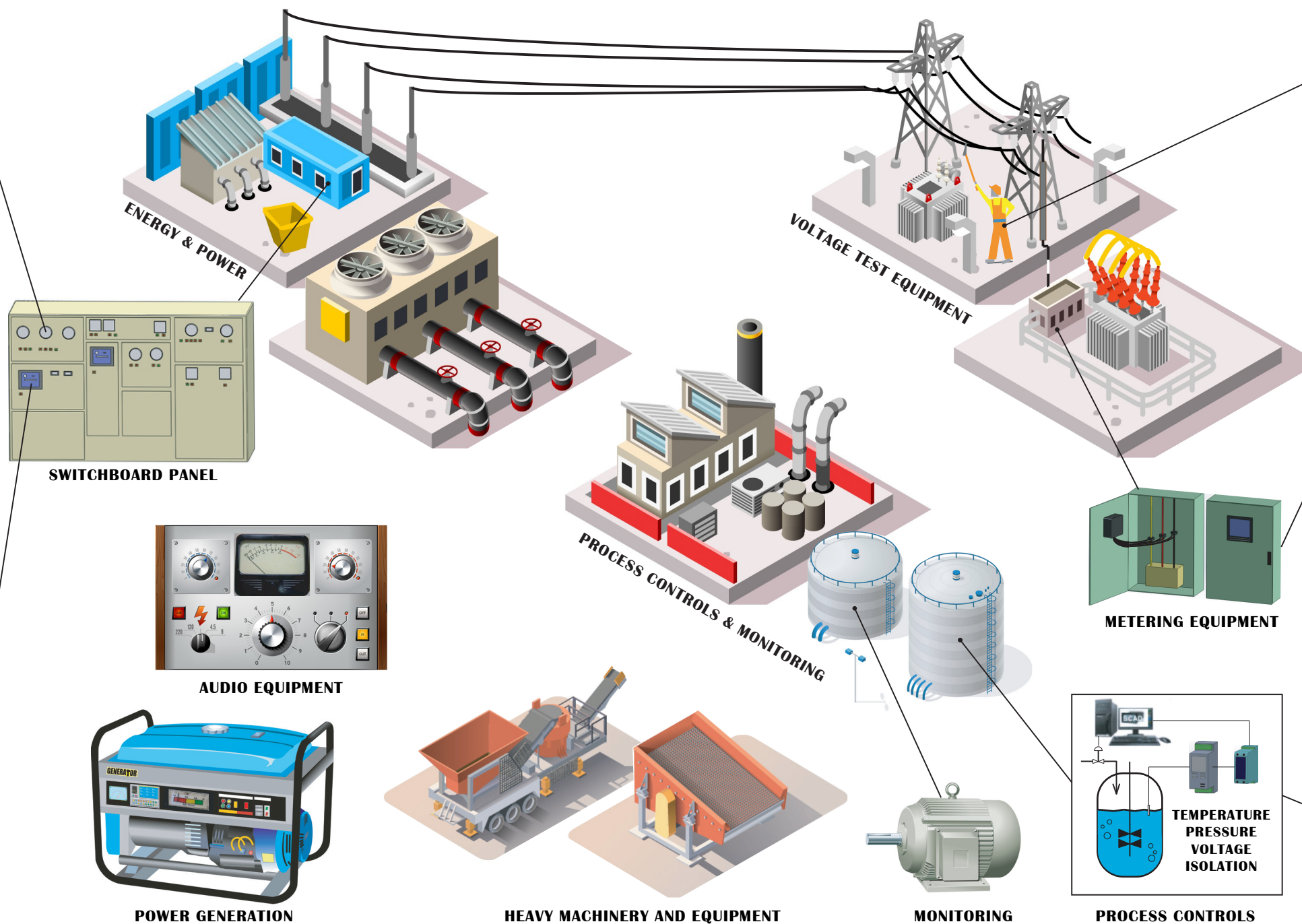
How do we measure the world?

Analog Meters

	LS-110 (ANSI) AC & DC Voltmeters, AC & DC Ammeters, Frequency Meters, Power Meters, Watts, Vars, Power Factor Available options include: Custom artwork, colored dials, custom logos, panel gaskets and anti-glare windows.
	LS-96 (DIN) AC & DC Voltmeters, AC & DC Ammeters, Frequency Meters, Power Meters and Power Factor Meters
	250° Series (Round) This series is desirable for the following applications: Emergency Vehicles, Speed (RPM), Pyrometers, Marine Instrumentation, Pressure and Flow, Diesel and Gas Instrumentation.
	5000 Series (3.5") AC & DC Voltmeters, AC & DC Ammeters, Frequency Meters, Power Meters Used in harsh environments where impact and strength is required.
	VU Meters (Volume Unit) The VU Meters are for the measurement of sound or noise levels including broadcast monitoring and in all instances where volume level measurements are to be made. Type A, -20 to +3 dB Type B, 0-100 Volume Units

Digital Meters

	Alpha 70A+ A compact, multi-function panel mount power quality monitor, which measures, calculates and displays major electrical parameters of three phase power systems. Time of use with zones, seasons, and tariff profiles used in Energy analysis
	HDLA Series LED digital panel meters can be scaled for several applications. Battery monitors, tachometers, 4-20 mA loop indicator, digital thermometer, ohmmeter, frequency meter and more.
	ND-1 3-Phase Power Quality Analyzer Measure and record over 300 energy quality parameters. Operation in 3 or 4-wire, 3-phase, balanced or unbalanced power networks. Archive data on the SD card, server, or RS-485. Input parameters directly using the color touch screen display.



	CK Series Edgewise Meters Accurately display DC voltage for power supplies or chargers. Monitor AC power for recreational or test equipment.
	ERLM-44V Earth Leakage Relay Detect insulation breakdown in an electrical circuit. Shutdown power to prevent electrical shock.

	5000 Series Hour Meter Equipment Service: track the running between scheduled service. Equipment Warranty: monitor elapsed hours.
	T59 Series Low Power AC Hour Meter Equipment Resale: record the actual running hours to establish value. Equipment Rental: track the elapsed time.

	Trumeter APM Programmable scale to monitor process applications (Volts, Current, Frequency). Set alarms based on two setpoints or three color backlight. Set 4-20mA outputs based on input signal
	NA6 Digital Bargraph Meter Indicate tank level with two independent inputs (volts, current, ohms). Record and indicate process temperature (RS-485, 4-20mA, RTD's, and thermocouples).

Voltage Test Equipment

	HHS-175 Telescopic Hot Stick Provide safe access to linesman up to 100 kV. Open and close switches, fuse replacement, install clamps, and voltage detection.
	H277HP Non-Contact Voltage Probe Non-contact detection of AC high voltage in power lines up to 132 kV. Trace live wires, find an open breaker, voltage detection for wall outlets, and fuses using low setting 50 V-1.5 kV.

Magna-Core Transformers

	Current Transformers (CTs) Reduce current for monitoring with ammeters, wattmeters, and cross current consumption. Select type (rectangular, solid core, split core or wound primary) for easy installation.
	Potential Transformers (PTs) Reduce voltage for any indoor or outdoor application (group, rating, ratio, fused or unfused). Select low, medium, or high voltage based on accuracy level and approvals (UL and CSA).

Transducers

	P30U Temperature Transducer Measure temperature in a tank, oven, or boiler (Volts, mA, RTDs, TCs). Filter, alarm and record values using dual displays, SD cards, RS-485, or internal memory.
	Theta 50 Isolation Transducer Isolate inputs, outputs, and power supplies to avoid grounding issues in DC process control.
	M100-RTD RTD Temperature Measurement Used in large transformers and large motors, to ensure winding temperatures do not rise to a level that would damage the winding.

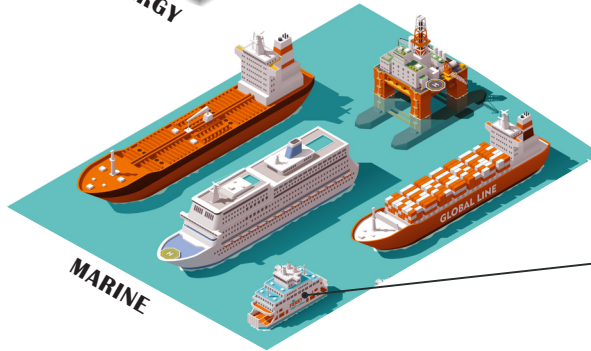
Product Solutions



Hoyt Electrical Instrument Works

23 Meter Street, Penacook NH 03303
800-258-3652 sales@hoytmeter.com

Shunts

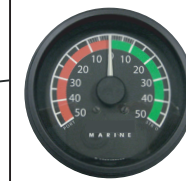


LA or LB Base Mount Shunt
Track the state of batteries in wind and solar by monitor current flowing. These shunts create a mV signal which is easier and less costly to install.



Type M Floating Shunt
Reducing up to 1000 amps to a 50 or 100 mV signal for power supply failure protection.

Product Solutions



250° Series Analog Panel Meter
Visual indication of rudder angle can be very important when docking or maneuvering a boat in tight quarters. The Rudder Angle indicates rudder position from zero through fifty degrees to either port or starboard.



EMDC DC Energy Meter
Measuring common voltage, current, watts, and energy independently of solar, wind and other DC applications.

N30B Digital Paperless Recorder

Wind and solar assessment, monitoring and forecasting using sensor inputs for wind speed, temperature, barometric pressure, and vibration. Data can be transmitted digitally through RS-485 and archived on the SD card or PC using a MySQL database.



Industrial & Commercial Electricians, Emergency Responders

Focus: Installing and troubleshooting all components in an electrical grid

What challenges do you face?

- Responding quickly and safely during power interruptions or outages.
- Safely testing on live circuits (non-contact).
- Equipment that will hold up to daily use over time and meet the defined budget.

Hoyt solutions:
Voltage Detection Equipment

Design Engineers (Analog and Digital)

Focus: Project Design and Development

What challenges do you face?

- Specifying products to meet criteria and regulations.
- Custom designed products with a prototyping option in a short time period.
- Working with staff that can handle technical issues and provide a complete solution.

Hoyt solutions:
Analog Meters, Digital Meters, Packaged Solutions (Meters, Shunts, Transformers)

Custom Solutions

Bring Hoyt an application and let our years of experience do the work for you. If you don't see something that fits exactly what you are looking for, just reach out to us. We will either provide a solution that works for you or get you in touch with one of our key partners that may be able to help!

