2018 FLUKE RENTAL PROGRAM

Turnarounds • Outages • Special Projects
• Emergencies • Experiments/Tests • Contractor Work
DON'T WAIT
Contact Industrial Scientific to learn more about our Fluke rental service.

Phone: 1-800-338-3287 x1912 or x1924

REASONS to RENT FLUKE INSTRUMENTS from Industrial Scientific

When you need instrumentation, and need it quickly, renting is the most efficient and effective route. Fluke instruments can be readied for same-day or next-day delivery. Whether the driving factor is a turnaround or outage, special project or natural disaster, you can depend on Industrial Scientific rentals for your short-term needs.

Thermal Measuring Tools

Professional Series: Ti450

100% focused—every object, near and far. The Fluke Ti450 Infrared Camera with MultiSharp Focus delivers images focused throughout the camera’s field of view. Get 4x’s the pixel data with SuperResolution, and wirelessly sync images from the camera to the cloud for attachment to assets or work orders.

• Capture a clear, accurate image focused throughout the field of view with MultiSharp Focus. Simply point and shoot—the camera automatically processes a stack of images focused near and far
• Get an instant in-focus image of your designated target. LaserSharp® Auto Focus, exclusive to Fluke, uses a built-in laser distance meter that calculates and displays the distance from your designated target with pinpoint accuracy
• Save time—wirelessly sync images directly from your camera to the Fluke Connect system, and attach to an asset record or work order
• Get the context of the visual and infrared details all in one precisely blended or picture-in-picture image with IR-Fusion® technology
• Monitor processes with video recording, video streaming, and remote control
• See the details you need with interchangeable smart lenses—2x and 4x telephoto and wide angle—no calibration required
• Get 4x the pixels with SuperResolution to create a 640 x 480 image
Process Calibration Tools

Fluke 789 ProcessMeter™ Test Tool
Combine the functionality of a loop calibrator with the power of a digital multimeter. The Fluke 789 ProcessMeter is the ultimate troubleshooting tool for process technicians. Add the wireless data logging capabilities of Fluke Connect® with ShareLive™ video call, and let process technicians do a lot more while carrying a lot less.

- Unique new wireless measurement logging capability
- 24 V loop power supply
- HART mode setting with loop power (adds 250 ohm resistor)
- 20 mA drive into 1200 ohms
- 0% to 100% mA Span Check buttons to toggle between 4-20 mA
- Infrared I/O serial port compatible with FlukeView® Forms Software

Fluke 700G Series Precision Pressure Test Gauge
- Seven Reference Class gauge ranges with ± .04% of reading accuracy: 30 psi, 100 psi, 500 psi, 1000 psi, 3000 psi, 5000 psi, 10,000 psi
- Two Low pressure measurement ranges with ± .1 of reading accuracy: 10 in H2O, 1 psi
- Fourteen precision test gauge ranges with ± .05% of reading accuracy: 15 psi, 30 psi, 100 psi, 300 psi, 500 psi, 1000 psi, 2000 psi, 3000 psi, 5000 psi, 10,000 psi
- Four Absolute pressure measurement ranges: 15 psia, 30 psia, 100 psia, 300 psia
- CSA; Class 1, Div 2, Groups A-D rating
- ATEX rating: II 3 G Ex nA IIB T6
- Combine with the 700PTPK or 700HTPK pump kits for a complete pressure testing solution for up to 600 psi (40 bar) with the 700PTP-1 pneumatic pump and up to 10,000 psi (690 bar) with the 700HTP-2 hydraulic pump
- Log up to 8,493 pressure measurements to memory (requires 700G/TRACK software)
- Variable release rate bleed valve for controlled pressure release
- Measure mA with 0.015% accuracy, while sourcing 24 V loop power
- Two ranges, 30 psi and 100 psi
- Pressure switch test makes a difficult task easy, captures set, reset and deadband values of a pressure switch

Fluke 719 Electric Pressure Calibrator
- Electric pump enables one-handed pressure pumping
- Best in class 0.025% pressure measurement accuracy
- Programmable pump limit settings can eliminate over-pressurization
- Precision vernier for fine pressure adjustment
- CSA; Class 1, Div 2, Groups A-D rating
- ATEX rating: II 3 G Ex nA IIB T6
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Fluke 754 Calibrator
Get HART-ability™ – The Fluke 754 offers all of the capabilities of the 753, plus the ability to calibrate, maintain and troubleshoot HART instrumentation. Integrated HART communication functions permit you to monitor, control and calibrate HART instrumentation. It handles fast pulsed instruments such as RTD transmitters and PLCs responding to pulses within 1 ms.

- Calibrate temperature, pressure, voltage, current, resistance and frequency instruments
- Built-in procedures for transmitters, square root transmitters, pressure and temperature switches
- Simultaneously measure and source
- Automatically capture calibration results
- Document procedures and results to meet ISO 9000, EPA, FDA, OSHA and other requirements
- Measure/simulate 13 types of thermocouples and eight RTDs
Power Quality Tools

**Fluke 435-II Power Quality and Energy Analyzer**

Locate, predict and prevent power quality problems. The Fluke 435-II helps troubleshoot power quality problems in three and single-phase power distribution systems. The Fluke patented energy loss algorithm, Unified Power Measurement, measures, quantifies and monetizes energy losses due to harmonics and unbalance issues, allowing the user to pinpoint the origin of energy waste within a system.

- Capture fast rms data in real time with PowerWave data capture; show single cycle rms value to characterize electrical system dynamics (generator start-ups, UPS switching etc.)
- Measure key parameters on direct-on-line motors including torque, RPM, mechanical power and motor efficiency (438-II, or with 430-II/MA upgrade option)
- CAT IV 600 V/CAT III 1000 V rated for use at the service entrance
- Automatic transient mode; capture 200 kHz waveform data on all phases simultaneously up to 6 kV for 435-II and 437-II
- Conduct tests according to the stringent international IEC 61000-4-30 Class-A standard intervals for 435-II and 437-II
- With included four iFlex flexible current probes, measure all three phases and neutral
- Download data wirelessly with the Fluke Connect® SD Card (not included with the INTL)

**Fluke 125 Industrial ScopeMeter® Test Tool**

The compact ScopeMeter® is the rugged oscilloscope solution for industrial electrical and electro mechanical equipment troubleshooting and maintenance applications. It’s a truly integrated test tool, with oscilloscope, multimeter and high-speed recorder in one easy-to-use instrument. The ScopeMeter 120B Series also integrates with Fluke Connect® mobile app and FlukeView® for ScopeMeter software to enable further collaboration, data analysis and archiving of critical test information.

- Dual-input digital oscilloscope and multimeter
- 40 MHz oscilloscope bandwidth
- Dual-input waveform and meter reading recorder for trending data over extended periods
- Recorder Event Detect captures elusive intermittent signals on repetitive waveforms up to 4 kHz
- Two 5,000-count true-rms digital multimeters

**Fluke 1630 Earth Ground Clamp Meter**

The Fluke 1630 Earth Ground Clamp Meter is able to measure ground loop resistances—using the stakeless testing method. This test technique eliminates the dangerous and time consuming activity of disconnecting parallel grounds. You can also perform earth ground tests inside buildings, on power pylons or anywhere you don’t have access to soil. With the stakeless testing method, no earth ground stakes are used at all. A known voltage is induced by one half of the clamp and the current is measured by the other half. The tester automatically determines the ground loop resistance at this grounding connection.

- Quick and easy use—no earth ground stakes are necessary
- Large, 35 mm (1.35 in) jaw opening
- Measures ground resistance from 0.025 Ω to 1500 Ω
- Measures ground leakage current from 0.2 mA to 30 A
- High and low alarming
- Automatic self calibration
- Rugged carrying case and resistance check loop included
- CAT III 300 V, CAT II 600
Power Quality Tools

**Fluke 1587 Insulation Multimeter**

The High-Performance 2-in-1 Insulation DMM – The Fluke 1587 FC Insulation Multimeter combines a digital insulation tester with a full-featured, true-rms digital multimeter in a single, compact handheld unit, which provides maximum versatility for both troubleshooting and preventive maintenance. The Fluke 1587 FC Insulation Multimeter adds four powerful new diagnostic functions through the Fluke Connect® Measurements app:

- PI/DAR timed ratio tests with TrendIt™ graphs identifies moisture and contaminated insulation problems faster
- Memory storage through Fluke Connect eliminates writing down results, reduces errors and saves data for historical tracking over time
- Temperature Compensation through app for establishing accurate baselines and relevant historical comparisons
- Historical tracking and trending of assets identifies degradation over time, allows real-time decisions to be made in the field with Fluke Connect® Assets (sold separately)

**Fluke 376 FC True-rms Wireless AC/DC Clamp Meter**

Expand your measurement range with increased flexibility The Fluke 376 FC offers advanced troubleshooting performance. The iFlex® flexible current probe allows for easy measurement around wires in tight spaces. In addition, the Fluke 376 FC is now part of the Fluke Connect® family of wireless test tools. Now you can:

- Troubleshoot faster: Instantly log, trend, and monitor intermittent problems with a 65,000 measurement internal memory and Trendit graphs
- Work safer: Connect your meter to your phone through Bluetooth, clamp your meter around a conductor and walk up to 30 m (98 ft) away from the point of measurement
- Save time reporting: Easily create reports by capturing measurements from your meter and email them right from the field
- Innovative flexible current probe: Measure around cumbersome conductors and improve wire access in tight spaces
- Share from anywhere: Stay on the same page when you and your team are in different places with Sharelive™ videocall

**Fluke BT510 Battery Analyzer**

Reduced testing complexity, a simplified workflow and an intuitive user interface provide a new level of ease-of-use in battery testing. The new Fluke BT500 Series Battery Analyzer is an ideal test tool for maintenance, troubleshooting and performance testing of individual stationary batteries and battery banks used in critical battery back-up applications. Fluke BT500 Series Battery Analyzers cover a broad range of battery test functions ranging from dc voltage and resistance tests to full condition testing using an automated string function testing and the test probe integrated infrared temperature measurement system. BT500 Series Battery Analyzers are designed for measurements on stationary batteries of all types.

- Key measurements: Battery resistance, dc and ac voltage, dc and ac current, ripple voltage, frequency and battery temperature
- Sequence measurement mode: Automatic or manual sequence testing of battery strings with automatic measurement storage including voltage, resistance and temperature (with BTL21 intelligent test probe)
- Comprehensive logging: All measured values are automatically captured during testing and can be reviewed on the instrument before downloading for on-the-go analysis
- Optimized user interface: Quick, guided setup ensures the right data is captured every time, and the combined visual and audio feedback cues reduce the risk of measurement confusion
For more information or questions regarding Fluke meter rentals from Industrial Scientific, please contact 1-800-338-3287

Jason Wright x1912 or jwright@indsci.com
Steve Brooks x1924 or sbrooks@indsci.com

INDUSTRIAL SCIENTIFIC
www.indsci.com/flukerental

AMERICAS
Phone: 412-788-4353 | 1-800-DETECTS (338-3287) | rental@indsci.com