

Recommended manufacturing solutions

Insulation testers

Best suited for: Insulation resistance and digital multimeter tests including simple spot checks to times tests, troubleshooting, preventive maintenance, testing voltages from 50 V to 5000 V



Acoustic imager

Best suited for: Quickly locating compressed air, gas and vacuum leaks. Saves repair time with visual pinpoint location of leak and validation of repair with image showing no leak



Wireless software

Best suited for: Working between skill levels for troubleshooting help, diagnosing asset health analysis in the field, predictive and preventive maintenance, and work order approval



Clamp meters

Best suited for: Measure 1000 A ac or dc in motors, pumps, compressors, fans, blowers, vaults and bus bars; measure loads and line frequency in circuits



Power quality analyzers

Best suited for: Finding power quality problems; troubleshooting generators; identifying harmonics (electronics); performing load studies



Infrared thermometers

Best suited for: Taking non-contact temperature readings for inspection of motors, HVAC, and circuit breakers



Process tools

Best suited for: Maintenance and calibration of process instruments and control system I/O; measuring, sourcing and simulating 4-20 mA control loops



Leakage clamps

Best suited for: Detecting, recording and comparing leakage current readings over time as a means of preventing unplanned downtime, and identifying intermittent GFCI and RCD trips, all without taking equipment off line.



Thermal imagers

Best suited for: Providing non-contact measurements for identifying potential problems in steam traps (leakage), electrical panels, motors, VFDs, tank levels, refractory furnaces, transformers and pumps



Fluke Calibration

Best suited for: Ensuring the accuracy and quality of electrical, temperature, pressure, flow measurements for manufacturing industries tools.



For more information visit www.FlukeCal.com

Vibration and alignment testers

Vibration suited for: Diagnosing machine fault issues on pumps, compressors, motors, fans and blowers
Stroboscope suited for: Performing RPM diagnostics on machinery, detecting details issues on moving parts and identifying defects



Alignment suited for: Correcting misalignment with an intuitive interface for all skill levels with coupling results and feet corrections in real time

Cable+network testers

Best suited for: Reducing unplanned downtime by verifying cabling performance before startup and troubleshooting cable failures.



Solutions for manufacturing industries

Fluke solutions can help you maintain production reliability, product quality and asset uptime

Fluke understands that you face a wide range of challenges in your plant. From industrial network and machine uptime to production safety, it's critical to keep operation and production flow at peak performance.

Fluke solutions are available in every location across your production floor including rugged tools for field service, R&D testing, facilities maintenance, electromechanical systems, motors and drives, and industrial Ethernet cabling. Fluke makes reliable tools that professionals in the manufacturing industries can count on for accurate and consistent measurements to keep your facility up and running.

Additionally, Fluke makes the precision calibration instruments that instill confidence that your tools are working within their specifications.

Manufacturing Engineer

Issues faced:

- Monitoring consistent quality power loads
- Ensuring continuous predictable uptime and downtime
- Setting up production process and instructing maintenance technician to do preventive maintenance or repairs
- Establishing plant and personnel safety

Fluke solutions:

- Fluke Connect®
- Thermal imagers
- Vibration testers
- Power quality analyzers
- Clamp meters
- Cable+Network testers
- Modular pressure controllers

Maintenance Technician

Issues faced:

- Troubleshooting equipment
- Servicing complex systems and machinery
- Electro-mechanical installation and maintenance
- Troubleshoot Industrial Ethernet

Fluke solutions:

- Fluke Connect®
- Digital multimeters
- Clamp meters
- Insulation meters
- Process Tools
- Thermal imagers
- Acoustic imagers
- Vibration/alignment testers
- Cable+Network Testers
- Temperature calibrators
- Multi-product calibrators

Automation/Control Engineer

Issues faced:

- System configuration optimization, and analytics
- Controlling system downtime
- Commission, test and troubleshoot analog and digital I/O
- Troubleshoot Industrial Ethernet

Fluke solutions:

- Fluke Connect®
- Motor drive analyzers
- Digital multimeters
- Clamp meters
- Process tools
- Cable+Network Testers
- Modular pressure controllers



Diagram is not intended to be an exact representation. Diagram components are not to scale and are for illustration purposes only.

Field Service Technician

Issues faced:

- Emergency calls for equipment downtime
- Diagnostic procedures for systems
- Getting the machinery on line as fast
- Troubleshoot Industrial Ethernet

Fluke solutions:

- Fluke Connect®
- Power quality analyzers
- Clamp meters
- Digital multimeters
- Motor drive analyzers
- Installation testers
- Acoustic imagers
- Thermal imagers
- Vibration/alignment testers
- Cable+Network testers

Reliability Engineer

Issues faced:

- Preventive maintenance and asset uptime
- Benchmarking and root cause analysis to prevent future failures
- Troubleshooting emergent issues

Fluke solutions:

- Fluke Connect®
- Insulation multimeters
- Power quality analyzers
- Thermal imagers
- Vibration/alignment testers
- Visual IR thermometers
- Process tools

Fluke manufacturing solutions

Fluke can help save time and money while increasing efficiency and safety. Contact your Fluke Sales Representative to learn more

Process Calibration Tools			Electrical Test Tools					Network	Thermal, Acoustic, and Vibration Tools					Fluke Calibration			
Process test tools	Pressure testing	Multifunction testing	Power quality analyzers	Clamp meters	Current leakage clamp	Handheld oscilloscopes	Insulation multimeters	Cable+Network testers	Acoustic imagers	Infrared thermometers	Thermal imagers	Vibration and alignment testers			Modular pressure controller	Temperature calibrator	Multi-product calibrator
 789 773	 700G	 726	 1777	 378 FC	 369 FC	 190 Series III	 1587 FC	 MS-PoE LinkIQ™	 ii910	 64MAX	 Ti480 PRO TV30 Thermalert®	 810 820-2 830	 6270A	 9142	 55XX Series		