Fluke can help you save time, manage processes and increase productivity

Today’s food and beverage manufacturers operate in a pressure cooker. Keeping the lid on production costs and energy expenditures can be a daily challenge. Regulatory requirements, safety issues, and the demands of maintaining uptime add another layer of complexity.

Fluke has solutions to minimize waste, optimize equipment, prevent downtime and reduce energy consumption. Fluke tools are the industry standard against which other tools are measured.
Automation Controls

Technician/Engineer

Issues faced:

- System configuration, optimization and analytics
- Minimization of system/line downtime
- Process and system integration
- Technology integration

Fluke solutions:

- Fluke Connect
- Process test tools
- Pressure gauges and calibrators
- Multifunction process calibrators
- Portable oscilloscopes
- Digital multimeters
- Power quality analyzers
- Clamp meters
- Vibration tester

Electricians/ Electrical Engineers

Issues faced:

- Efficient, consistent power delivery
- Power installation and reworks
- Troubleshooting electrical equipment

Fluke solutions:

- Fluke Connect
- Process test tools
- Power loggers
- Power quality analyzers
- Digital multimeters
- Insulation multimeters
- Infrared thermometers
- Thermal imagers

Food and beverage processing

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Fluke Connect

Process test tools

Pressure gauges and calibrators

Multifunction process calibrators

Portable oscilloscopes

Digital multimeters

Power quality analyzers

Clamp meters

Vibration tester

754 726 700G 729 773 430 Series II 190 Series II 1738 376 FC 1587 FC

Automation network health

Industrial network

PLC

4-20 mA input

4-20 mA output

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Learn how Fluke solutions can save you time and money while increasing your productivity at www.fluke.com.

**Maintenance Manager**

**Issues faced:**
- Ongoing demand to reduce operating costs
- ROI of resources
- Increasing plant productivity

**Fluke solutions:**
- Fluke Connect
- Indoor air quality
- Power loggers
- Power quality analyzers
- Digital multimeters
- Thermal imagers

**Mechanics/Maintenance Technicians**

**Issues faced:**
- Troubleshooting equipment
- Servicing complex systems and machinery
- Electro-mechanical installation and maintenance

**Fluke solutions:**
- Fluke Connect
- Indoor air quality
- Digital multimeters
- Clamp meters
- Insulation multimeters
- Infrared thermometers
- Vibration tester
- Thermal imagers
- Alignment tool
# Recommended food and beverage solutions

## Fluke Connect

**Best suited for:**
- Simplifying preventive maintenance programs
- Seamlessly integrating tool data into software
- Diagnosing asset health in the field
- Cloud-based data sharing

## Vibration tester

**Best suited for:**
- Predictive and condition-based maintenance
- Identifying root cause and diagnosing severity of machine’s condition
- Prioritizing critical repair and replacement options
- Use with motors, pumps, fans, compressors, belt/chain drives, gearboxes and spindles

## Power quality analyzers

**Best suited for:**
- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to reduce energy usage
- Use with motors, pumps, generators, transformers, compressors and electrical panels

## Insulation multimeters

**Best suited for:**
- Insulation resistance tests
- Troubleshooting and preventive maintenance

## Thermal imagers

**Best suited for:**
- Detection of “hot spots” on motors, pumps, VFDs, bearing and conveyor belts
- Monitoring refrigeration and freezer compartments
- Inspection of power distribution, fuse boxes, insulators, transformers and other electrical system components
- Assuring temperature tolerances during transportation of perishables

## Process test tools

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

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