Fluke solutions for pulp, paper and wood manufacturing professionals.

Pulp, paper and wood manufacturing is a competitive industry and rising costs are a constant challenge to profitably. Monitoring critical processes can help to control cost by averting failures.

Fluke solutions are available to monitor field services, facilities maintenance, electromechanical systems, motors and drives and electrical networks. Reliable and rugged, Fluke tools give you results you can count on every time.
**Plant Engineer**

**Issues faced:**
- System configuration, optimization and analytics
- Minimization of system/line downtime
- Process and system integration

**Fluke solutions:**
- Fluke Connect®
- Process documenting calibrators
- Earth ground testers
- Digital multimeters
- Clamp meters
- Power quality analyzers
- Handheld oscilloscopes
- Thermal imagers
- Vibration/alignment tools

**Electrical Technician**

**Issues faced:**
- Efficient, consistent power delivery
- Power installation and reworks
- Troubleshooting electrical equipment

**Fluke solutions:**
- Fluke Connect®
- Loop calibrators
- Earth ground testers
- Power loggers
- Digital multimeters
- Clamp meters
- Battery testers
- Insulation multimeters
- Thermal imagers

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**Pulp, paper and wood manufacturing solutions**

**Process Calibration Tools**
- Process documenting calibrators
- Temperature calibrators
- Pressure testing
- Pressure tools
- Loop calibrators

**Electrical Test Tools**
- Power quality analyzers
- Handheld oscilloscopes
- Power loggers
- Clamp meters
- Insulation multimeters
- Earth testers

**Models:**
- 754
- 724
- 700G
- 729
- 709H
- 430 Series II
- 190 Series II
- 1738
- 376FC
- 1587FC
- 1625-2 KIT
- 87V
- 279FC
- TiX580
- Ti480
- 810, 805 FC
- 830
- 572-2
- Fluke Connect®
- Assets
Maintenance Manager

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

Fluke solutions:
- Fluke Connect®
- Power quality analyzers
- Digital multimeters
- Clamp meters
- Thermal imagers

I&E Technician

Issues faced:
- Maintenance of instrumentation tools & assets
- Calibration of process instruments
- Providing immediate response and repair during process interruptions

Fluke solutions:
- Fluke Connect®
- Process calibration tools
- Digital multimeters
- Electrical testers
- Clamp meters
- Vibration/alignment testers
- Thermal imagers

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

Learn how Fluke solutions can save you time and money while increasing efficiency and safety at www.fluke.com
# Recommended glass processing 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

![Fluke Connect](image)

## Earth ground testers

**Best suited for:**
- Ensuring safety of personnel and proper operation of electrical equipment
- Diagnosing intermittent electrical problems related to poor earth grounding
- Earth resistance loop and soil resistivity testing

![Earth ground testers](image)

## 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

![Power quality analyzers](image)

## Insulation multimeters

**Best suited for:**
- Wide range of tests including simple spot checks to timed tests and breakdown tests
- Insulation resistance testing up to 10 kV
- Use with switchgear, motors, generators and cables

![Insulation multimeters](image)

## Digital multimeters

**Best suited for:**
- Electrical system installation and troubleshooting
- Quick voltage detection
- Environments with both AC and DC (autoVolt) or ghost voltages

![Digital multimeters](image)

## Process documenting calibrator

**Best suited for:**
- Pressure calibration of transmitters, gauges, switches and custody transfer meters
- Maintenance of almost any pressure device using pressure sourcing and mA measurements
- Calibrating P/I instruments with simultaneous pressure and current measurement

![Process documenting calibrator](image)

## Thermal imagers

**Best suited for:**
- Inspecting pipes, motors and pumps
- Capturing fluid/solid levels on tanks and silos
- Inspect paper web for moist/wet streaks

![Thermal imagers](image)

## 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

![Vibration tester](image)

## Infrared thermometers

**Best suited for:**
- Quickly capturing spot measurements from a distance
- Accurately measuring up to 800 °C

![Infrared thermometers](image)