

**FLUKE®**

## Plastic Manufacturing Solutions

### Fluke solutions for plastic manufacturing

Fluke understands that the plastic manufacturing industry faces a wide range of challenges. From 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, facilities maintenance, electromechanical systems, motors and drives and electrical networks. We know that plastic manufacturing is a demanding chore where product efficiency plays a critical role. Fluke tools gives results you can count on all the time, whatever you're doing.

## Maintenance Manager

### Issues faced:

- Ensuring uptime is continuous and predictable
- Safety of personnel and the environment
- Maintaining high product quality
- Staying within budget

### Fluke solutions:

- Fluke Connect®
- Infrared cameras
- Vibration testers
- Power quality analyzers
- Clamp meters

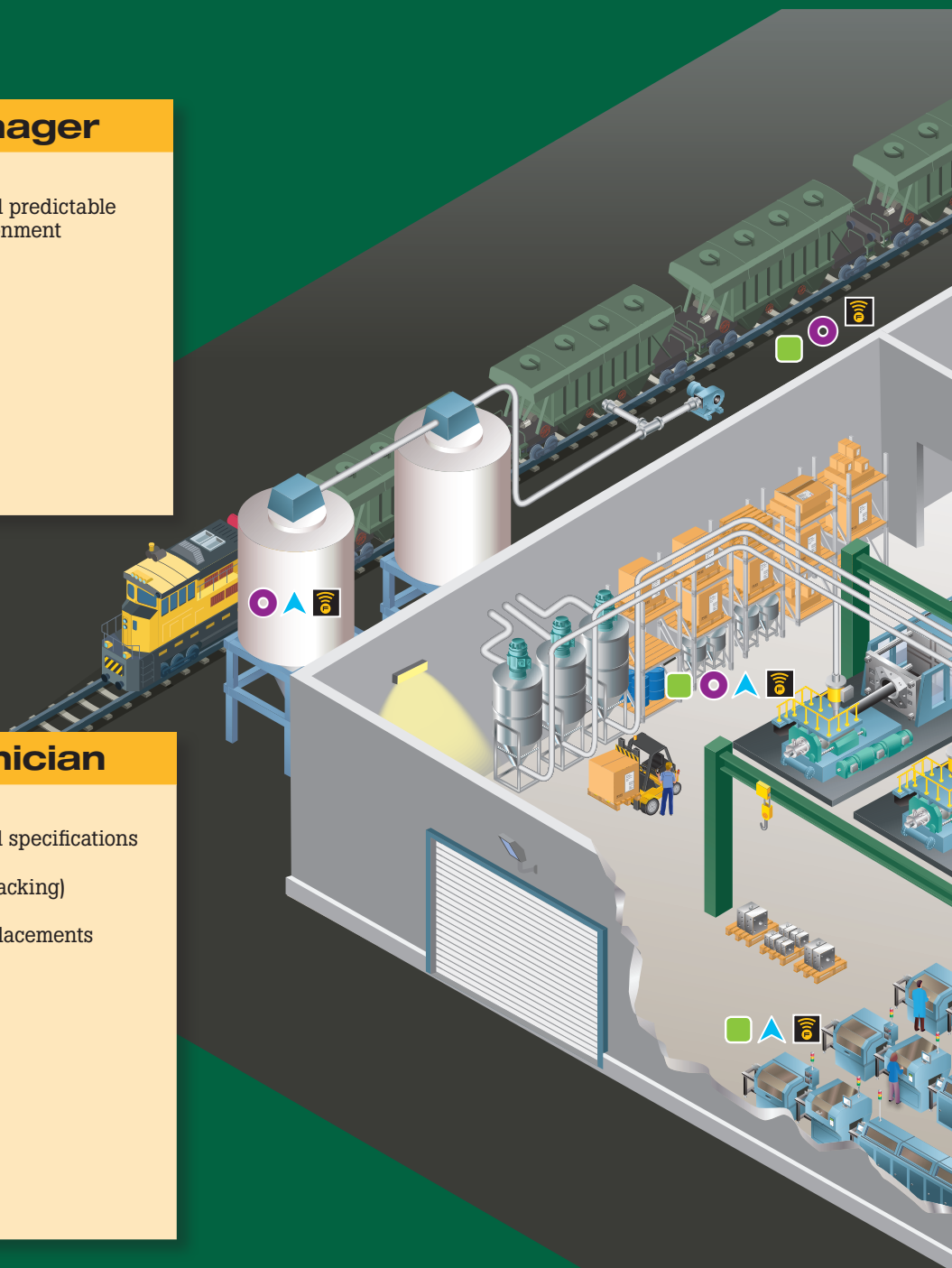
## Mechanical Technician

### Issues faced:

- Meeting equipment standards and specifications
- Preventative maintenance
- Effectiveness of repairs (valve repacking)
- Assembling machinery
- Determining optimal machinery placements

### Fluke solutions:

- Fluke Connect®
- Digital multimeters
- Clamp meters
- Insulation multimeters
- Process tools
- Infrared cameras
- Vibration/alignment tester



## Plastic manufacturing solutions

### Process Calibration Tools

### Electrical Test Tools

Process calibrators	Pressure testing	Pressure tools	Process test tools	Power quality analyzers	Handheld oscilloscopes	Power loggers	Clamp meters	
								
754	700G	729	773	430 Series II	190 Series II	1738	376FC	



## Plant Engineer

### Issues faced:

- Maximizing uptime
- Prevent system interruption
- Maintain plant and personnel safety

### Fluke solutions:

- Fluke Connect®
- Insulation multimeters
- Power quality analyzers
- Infrared cameras
- Vibration testers
- Visual IR thermometers

## Reliability Engineer

### Issues faced:

- Preventative maintenance and asset uptime
- Root cause analysis to prevent future failures
- Troubleshooting emergent issues

### Fluke solutions:

- Fluke Connect®
- Insulation multimeters
- Power quality analyzers
- Infrared cameras
- Vibration testers
- Visual IR thermometers
- Process tools

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](http://www.fluke.com)**

Infrared and Vibration Tools						Software
Insulation multimeters	Digital multimeters	Thermal imagers expert	Thermal imagers professional	Infrared thermometers	Vibration/Alignment tools	Fluke Connect® Assets
						
1587FC	87V	TiX560 Series	Ti400	568	810, 805 FC 830	Fluke Connect®

# Recommended plastic manufacturing solutions

## Thermal imagers

### Best suited for:

- Inspecting pipes, motors and pumps
- Capturing fluid/solid levels on tanks and silos
- Inspecting boilers, process heaters and other heat-generating units
- Inspection of power distribution grid: fuse boxes, insulators, transformers and other electrical systems components



## Power loggers

### Best suited for:

- Capturing and logging over 500 power quality parameters
- Troubleshooting and performing advanced analysis on power quality issues
- Energy surveys to determine sources of electrical energy waste



## Digital multimeters

### Best suited for:

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



## 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



## 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



## Power quality analyzers

### Best suited for:

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



## Pressure calibrators

### 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



**Fluke.** Keeping your world up and running.®

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