

**FLUKE®**

Transportation—Light and Commuter Rail Solutions

Fluke solutions for transportation professionals.

Professionals involved in transportation infrastructure or vehicle operations are under extreme pressure to keep their systems moving smoothly and safely.




Fluke makes rugged, reliable, quality tools you can count on to meet the demanding needs of our transportation systems. Depend on Fluke, the industry standard against which all other tools are measured.

Supervisors/ Superintendents

Issues faced:

- Ensuring uptime is continuous and predictable
- Limiting downtime
- Safety of personnel and the environment
- Budget control
- On-time scheduling

Fluke solutions:










-  Fluke Connect
-  Power quality analyzers
-  Thermal imagers

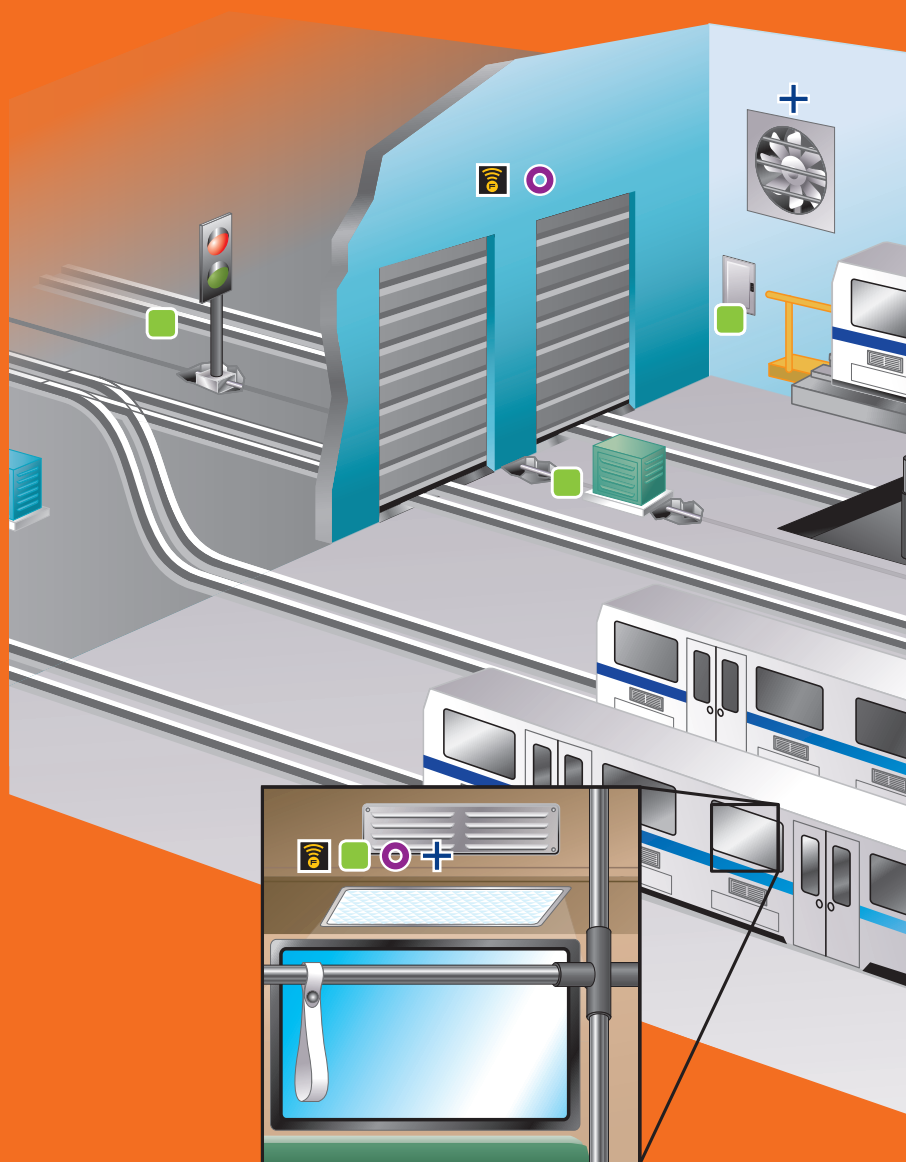
Vehicle Maintenance

Issues faced:

- Troubleshooting for immediate response and repair
- Quick turnaround time
- Predictive and preventive maintenance








Fluke solutions:

-  Fluke Connect
-  Indoor air quality
-  Digital multimeters
-  Battery analyzers
-  Clamp meters
-  Insulation multimeters
-  Portable oscilloscopes
-  Infrared thermometers
-  Vibration tester



Fluke light/commuter rail solutions

Electrical Test Tools









Power quality analyzers	Portable oscilloscopes	Power loggers	Clamp meters	Insulation multimeters	Earth ground testers	Battery analyzers
						
430 Series II	190 Series II	1738	376 FC	1587 FC	1625-2 Kit	BT521

Wayside Maintenance

Issues faced:

- Maintaining consistent quality power loads
- Controlling downtime

Fluke solutions:

-  Fluke Connect
-  Insulation multimeters
-  Digital multimeters
-  Earth ground testers
-  Clamp meters
-  Power loggers
-  Infrared thermometers
-  Thermal imagers

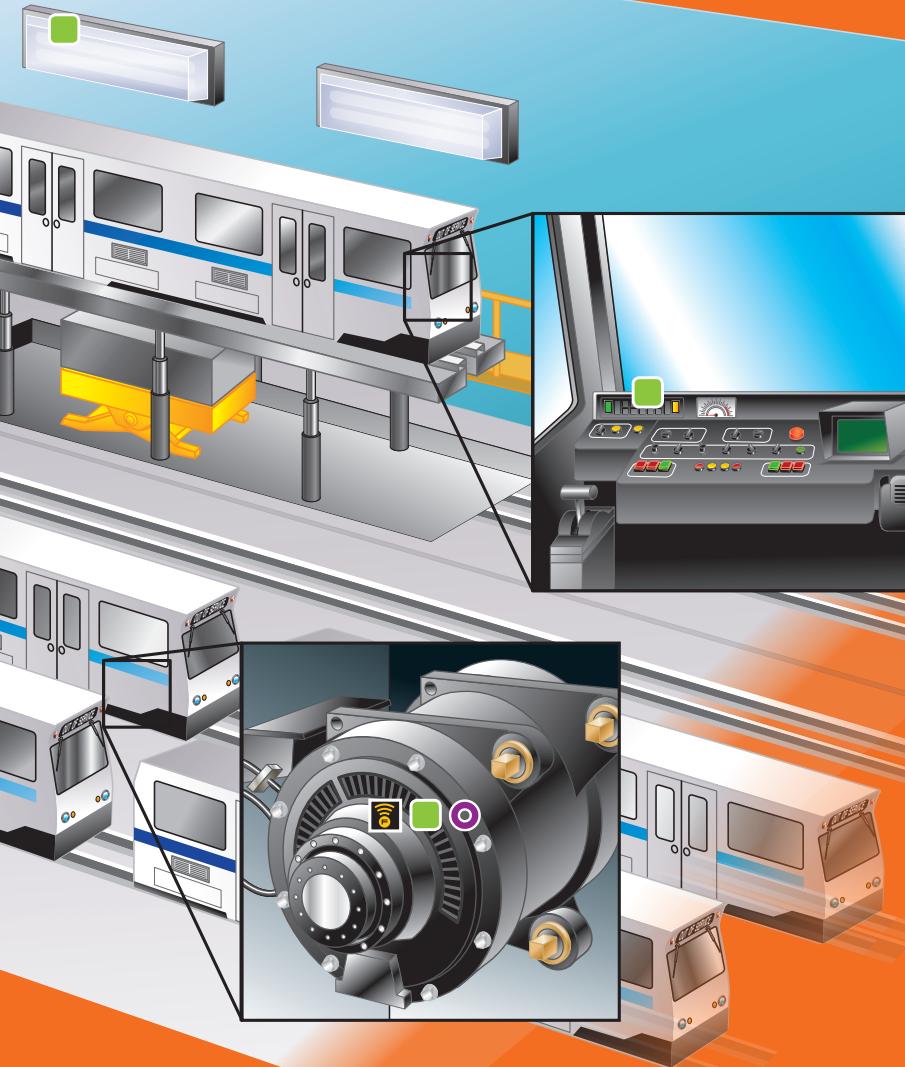


Diagram is not intended to be an exact representation. Diagram components are not to scale and are for illustration purposes only.

Fluke offers a full line of transportation solutions to fit all needs. Go to www.fluke.com for detailed information on these products.

Infrared and Vibration Tools					Air Quality	Software
Digital multimeters	Thermal imagers expert	Thermal imagers professional	Infrared thermometers	Vibration meters	Indoor air quality	Maintenance software
  a3001 289	 TiX560	 Ti400	 568	 805 FC	 971	 Fluke Connect®

Recommended transportation 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



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



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:

- 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



Digital multimeters

Best suited for:

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



Indoor air quality

Best suited for:

- Troubleshooting and monitoring indoor air quality
- Optimizing HVAC ventilation settings



Thermal imagers

Best suited for:

- Detection of "hot spots" in motors, pumps, VFDs, bearings and wheels
- Rail axle inspection through corrosion fatigue tests
- Monitoring of switching heaters



Battery analyzers

Best suited for:

- Maintenance, troubleshooting and individual stationary batteries and battery banks used in critical battery back-up applications
- Designed for measurements on stationary batteries of all types



Infrared thermometers

Best suited for:

- Quickly capturing spot measurements from a distance
- Accurately measuring up to 800 °C



Fluke. Keeping your world up and running.®

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