Solutions for data center professionals.

Data center professionals are responsible for the storage, management, and dissemination of data and information, without interruption. It’s a huge task in our data-reliant society and people count on the delivery of the information they need, whenever they need it. The professionals working in this critical business must be able to rely on their tools to keep things up and running.

Fluke makes a full suite of reliable, high quality test and measurement tools that data centers can count on. We understand the challenges these professionals face every day. The decisions they make are based on the information their test equipment is providing. They can’t make informed decisions if they can’t rely on the data they’re being given. They can be confident that Fluke tools will give them consistently correct information to do their jobs.
### Data Center Facility Manager

**Issues faced:**
- Maximizing uptime
- Maintaining environmental conditions
- Preventative maintenance
- Control energy costs

**Fluke solutions:**
- Fluke Connect
- Power quality analyzers
- Portable oscilloscopes
- Thermal imagers
- IR Windows
- Vibration tester

### HVAC/Mechanical Technician

**Issues faced:**
- Maintaining controlled environment for sensitive equipment
- Ensuring HVAC and mechanical equipment is compliant with industry standards

**Fluke solutions:**
- Fluke Connect
- Multifunction process calibrators
- Process test tools
- Indoor air quality
- Digital multimeters
- Clamp meters
- Thermal imagers
- Vibration tester

### Data center solutions

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- 789
- 773
- 430 Series II
- 190 Series II
- 1738
- 1630-2
- 1625-2 Kit
**We offer a full line of data center solutions to fit all needs.**
Go to www.fluke.com for detailed information on these products.

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

**Thermal imagers/IR Windows**
- Best suited for:
  - HVAC and hot aisles/cold aisles inspection
  - Identifying “hot spots” in motors and compressors
  - Inspecting temperature in server racks and power supply systems
  - Building insulation inspection

**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

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

**Battery analyzers**
- Best suited for:
  - Maintenance, troubleshooting and performance testing of UPS banks
  - Measuring battery resistance, AC and DC voltage and current ripple voltage, frequency and temperature

**Digital multimeters**
- Best suited for:
  - Electrical system installation and troubleshooting
  - Quick voltage detection
  - Environments with both AC and DC (autoVolt) or ghost voltages
  - Use with HVAC systems and electrical panels

**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

**Portable oscilloscopes**
- Best suited for:
  - Installing and maintaining electronic industrial equipment out in the field
  - Diagnosing industrial machinery, automation and process controls and power electronics

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Fluke. Keeping your world up and running.

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