

FLUKE®

Welcome to Data Central!

We've got a full line of data center solutions to fit all needs.

In our data-reliant society, many people count on data center professionals to deliver the information they need, whenever they need it. And they in turn need to be able to rely on the information their test equipment is providing to make informed decisions. That's why Fluke offers a full suite of rugged, reliable quality test and measurement tools all types of data center professionals can count on to get the job done right.



IT/MIS Management (Facilities Director)

What issues do you face?

- Maintaining uptime
- Controlled downtime
- Emergency preparedness
- Preventive maintenance
- Ensuring quality/environment envelope

Fluke solutions:

- ◆ Thermal imagers
- Power quality analyzers
- ▲ Clamp meters

HVAC/IAQ Technician

What issues do you face?

- Controlling energy costs
- Maintaining controlled environment for sensitive equipment
- Ensuring HVAC ventilation systems are compliant with industry stands

Fluke solutions:

- Indoor air quality tools
- Infrared thermometers
- + HVAC
- ▲ Clamp meters

IT/MIS Staff (Engineer)

What issues do you face?

- Load checking
- Meeting safety standards
- Unscheduled downtime
- Troubleshooting sensitive equipment

Fluke solutions:

- Power quality analyzers
- Infrared thermometers
- ★ Digital multimeters
- ◆ Electrical testers

RECOMMENDED DATA CENTER SOLUTIONS

Digital multimeters

Best suited for:

- VSD motor drive installation and troubleshooting
- Quick, non-voltage detection
- Environments with both ac and dc (autoVolt) or ghost voltages

Data center applications:

Motors, drives, electrical panels



Electrical testers

Best suited for:

- Measuring loads on a branch circuit at a service level
- Measuring the load side voltage of a circuit breaker or fuse
- Mapping outlets to breakers

Data center applications:

Lighting, outlets, load measurements



Power quality

Best suited for:

- Troubleshooting and preventing problems in electrical power distribution systems

Data center applications:

Generators, harmonics (electronics), load studies



Thermal imagers

Best suited for:

- Displaying a visual image of surface temperatures to easily and safely identify potential problems
- Quick, accurate building diagnostic surveys

Data center applications:

Electrical panels, housings, and components, building inspection, server rack



Indoor air quality

Best suited for:

- Troubleshooting and maintaining indoor air quality
- Optimizing HVAC ventilation settings
- Monitoring air quality and factors that may detract from comfort/safety

Data center applications:

HVAC system, test and balance, ventilation management



Clamp meters

Best suited for:

- Verifying the presence of load current, ac/dc voltage and continuity
- Current measurements up to 999.9 A in tight cable compartments

Data center applications:

Generator inrush, motor testing, panel board measurements



Infrared thermometers

Best suited for:

- Surface temperature readings
- Non-contact monitoring of electrical motors and panels

Data center applications:

Motors, circuit breakers



HVAC

Best suited for:

- Measuring hot, moving, electrically energized objects
- HVAC system diagnosis and repair
- Troubleshooting HVAC and flame sensors

Data center applications:

Superheat and sub-cooling contact measurements, air duct maintenance, flame sensors



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