Fluke provides solutions for educators and education facility professionals.

Education facilities include college campuses, technical and trade schools, high schools, secondary and elementary schools to name just a few. Most comprise a variety of environments including labs, clean rooms, classrooms, dorm rooms, auditoriums, gymnasiums, and swimming pools. Many of them serve tens of thousands of people while others only a few. They all have unique needs, which the facility professionals running them must address.

Educators training in vo-tech/trade schools, universities, colleges, and union apprenticeship training centers use Fluke tools in the classroom or lab.
## Fluke solutions for education and facilities

### Electrician/Engineer
**Issues faced:**
- Efficient, consistent, quality power delivery
- Safety and energy system maintenance
- Troubleshooting sensitive equipment
- Controlling efficient breakers and motors

**Fluke solutions:**
- Fluke Connect®
- Process calibration tools
- Digital multimeters
- Light testers
- Power quality analyzers
- Clamp meters
- Infrared thermometers

### Facility Manager
**Issues faced:**
- Controlling energy costs
- Meeting safety standards
- Preventive maintenance
- Expense management

**Fluke solutions:**
- Power quality analyzers
- Light tester
- Digital multimeters
- Thermal imagers
- Vibration

### R&D Personnel
**Issues faced:**
- Selection and maintenance of equipment used in R&D labs
- Heavy equipment use

**Fluke solutions:**
- Fluke Connect®
- Handheld oscilloscopes
- Digital multimeters
- Electrical test tools
- Thermal imagers

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### Process Calibration Tools

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Fluke offers a full line of solutions for education professionals. Go to www.fluke.com for detailed information on these and all Fluke products.
Recommended education and facilities solutions

Fluke Connect®

Best suited for:
- Working between skills levels for troubleshooting help, diagnosing asset health analysis in the field, predictive and preventative maintenance, and work order approval

Digital multimeters

Best suited for:
- VSD motor drive installation and troubleshooting
- Quick, voltage measurement
- Environments with both ac and dc (auto-Volt) or ghost voltages

Power quality analyzers

Best suited for:
- Troubleshooting and preventing problems in power distribution systems
- Uncovering hard-to-find or intermittent problems
- Power quality surveys
- Validating incoming power quality at the service entrance

mA Process clamp meters

Best suited for:
- Measuring 4 to 20 mA signals without breaking the loop
- Sourcing, simulating and measuring mA
- Sourcing, measuring DC voltage

HVAC/IAQ

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

Infrared thermometers

Best suited for:
- Surface temperature readings
- Non-contact monitoring of electrical motors and panels
- Finding heating and ventilation problems

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

Thermal imagers

Best suited for:
- Detection of “hot spots” in motors, pumps, VFD’s, bearings and wheels
- Inspecting pipes, motors and pumps
- Monitoring of switching heaters

Portable oscilloscopes

Best suited for:
- Troubleshooting and installation applications
- Finding fast answers to problems in machinery, instrumentation, control and power systems
- Bus health testing for industrial bus systems
- Applications when you need an oscilloscope, multimeter and “paperless” recorder, but want to carry a single tool

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