

Water and wastewater efficiency tools

FLUKE®



Do we want to save thousands of dollars on energy costs?

How are we responding to demands for greater efficiency?

Do we want to find potential problem areas before they become real problems ?

Are we doing enough to ensure the highest quality output given ever-changing regulations?

If any of these questions concern you look inside.

Maintain high quality, while doing more with less, to keep your facility up and running. These tools can help:

FLUKE®

Fluke 789 ProcessMeter™

- Do you need to troubleshoot and verify control signals and power sources?
- Do you measure up to 1000 V and measure/source 4-20 mA control signals?

Benefits

- Use daily to troubleshoot high and low voltage circuits
- Test valve positioning in the field
- Use the integrated 24 V loop supply to eliminate the separate power supply necessary for offline transmitter testing



Fluke 725 Multifunction Process Calibrators

- Would you like one tool to calibrate, source, or measure all of your process control signals?
- Would you like it to come in one simple, easy to use, and rugged package?

Benefits

- Save money by bringing process calibration in-house
- Source and simulate multiple parameters to calibrate transmitters
- Conduct valve and I/P tests by sourcing mA and simultaneously measuring pressure
- Support flow meter testing with frequency and counts per minute (CPM) functions



Fluke 1735 Three-Phase Power Logger

- Do you need to quantify energy consumption before and after improvements to justify energy saving devices?
- Do intermittent harmonics cause damage to or disrupt critical equipment?

Benefits

- Monitor generator performance during regular test periods
- Identify and prove savings opportunities with energy consumption tests
- Download results to a PC for documenting and reporting



Fluke 337 Clamp Meter

- Have you recently installed high efficiency devices (VSD, HE motors) in your facility?
- How do you accurately troubleshoot these electrically noisy devices?
- Are you basing repair decisions on inaccurate data?

Benefits

- Safely and accurately measure inrush current on high-efficiency motors
- Verify the presence of load current, ac/dc voltage and continuity



Fluke 289 Logging Multimeter

- How much of your time do you spend tracking down intermittent electrical problems?
- Are you baby-sitting machinery or running back to your desk to chart information?
- Do you struggle with differing measurements between variable frequency drive output and motor drive controllers?

Benefits

- Now you can track down elusive, intermittent electrical problems by logging and graphing. Just leave the meter and come back later to determine what is happening.
- Use the unique low pass filter for accurate measurements on variable frequency drives



Fluke 719 Electric Pressure Calibrator

- Tired of carrying multiple tools to calibrate pressure transmitters, instrumentation, and switches? Would you like to perform all of your pressure and mA needs with the simple push of a button?

Benefits

- Save money by bringing pressure calibration in-house
- Test pressure switches at the push of a button
- Verify tank level meters
- Measure pressure and vacuum accurately
- Calibrate pressure sensors: no hand pumping required—fast and accurate results



Fluke Ti25 Thermal Imager

- Do you often experience electro-mechanical failures leading to unplanned downtime?

Benefits

- Save energy by scanning electrical and mechanical systems, components and transformers for excessive heating
- Save money by bringing thermal imaging in-house
- Troubleshoot problem areas fast without shutting equipment and installations off



Fluke 1587 Insulation Multimeter

- Are you finding you are replacing the same motor over and over?
- Is it easier to replace a component than troubleshoot?

Benefits

- Save potentially thousands of dollars a year by identifying the root cause of your motor or drive failure
- Perform insulation tests on motors, generators, cables or switchgears with the combination 1 kV insulation tester/full-featured true-rms multimeter



Fluke 771 mA Clamp Meter

- Can't afford to break a 4-20 mA loop?
- Would you like to save time and perform quick and easy checks on your 4-20 mA control loops?

Benefits

- Measure 4-20 mA output signals from transmitters *without disrupting process control*
- Test mA signals for PLC and control system analog I/O



Fluke T5-1000 Voltage, Continuity and Current Tester

- Tired of carrying multiple tools to perform basic electrical testing?
- Looking for something simple, convenient and easy to carry?

Benefits

- Frontline troubleshooting tool for applications up to 1000 V
- Ideal for testing circuits, outlets and lighting fixtures
- The OpenJaw™ current feature and SlimReach™ test leads combine in a compact tool that fits in your back pocket.



Fluke 561 Infrared Thermometer

- Do you measure surface temperatures on motors, pumps and other rotating equipment at your plant?

Benefits

- Measure surface temperatures on motors and pumps to understand general bearing condition



For more information and to learn about our special offer go to www.fluke.com/WaterWasteWater

Fluke 1625 Earth Ground Tester

- How confident are you that your equipment is adequately grounded?
- Are you aware that poorly grounded equipment can result in significant safety problems and/or equipment damage?
- Did you know that ground rods and their corresponding connections can corrode over time?

Benefits

- Comply with IEEE recommended practices and perform all major types of earth ground measurements
- Save time and experience with the flexibility of Stakeless testing, which allows you to measure ground resistance in locations previously considered impossible and eliminate the dangerous practice of disconnecting system grounds
- Test ground resistance even in electrically noisy environments



Fluke 225C ScopeMeter®

- What do you do when a logic controller or a field device error indicator is on?
- Do you call the OEM, a consultant or tackle the problem yourself?
- How do you localize the problem down to the component, the interface to the control system, the protocol or logic control system or some other factor influencing the control system?

Benefits

- Analyze bus health against industry standard values for that bus type
- Test parameters include signal amplitudes, bias voltage, rise- and fall-times, jitter, distortion and noise levels for a full understanding of system behavior



Fluke 435 Three-Phase Power Quality Analyzer

- Repeated equipment failures?
- Random equipment resets or process failures?
- Breakers tripping or fuses blowing with no signs of overloading?
- Transformers or motors running hot?
- Uninterruptible power supplies (UPS) frequently going on line?
- You may be having power problems that can be fixed—if you have the tools to find them!

Benefits

- Save money by bringing power quality analysis in-house
- Pinpoint power problems faster, safer and in greater detail
- Perform load studies
- Troubleshoot problems in real-time while logging multiple parameters
- Automatically capture transients on all phases simultaneously up to 6 kV



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

Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40 2675 200 or
Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866
From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: <http://www.fluke.com>

©2009 Fluke Corporation.
Specifications subject to change without notice.
Printed in U.S.A. 4/2009 3462578 F-EN-N Rev A

Modification of this document is not permitted without written permission from Fluke Corporation.