

# PORTABLE METERING



AZZO (USA)  
39 Plymouth Street, Suite C  
Fairfield, NJ 07004

+1 973 575 5032  
solutions@azzo.com

To find out how we can assist you  
with your solutions, contact us today.



# PORTABLE METERING



## INSIGHT

AZZO's Portable Metering kits are certified investigative tools with high-speed logging functionality, and industry-targeted logging parameters. Boasting easy installation and using Phoenix Contact Rogowski Coils (<4000A) for outstanding accuracy and no core saturation, the meters excel in the measurement of power quality and auditing of harmonics, including active harmonic filters.

Through the use of built-in 3G/4G cellular modems, AZZO's Portable Metering equipment transmits data instantly to AZZO's cloud based EcoStruxure Power Monitoring Expert platform where the data will be logged. The metering data will then be analyzed by AZZO's industry leading experts who deliver critical analysis based on quality information. As a result, real-time meter data can be viewed via the cloud-hosted dashboard wherever a stable cellular signal is available on-site.

## ABOUT

Drawing on decades of experience at the cutting edge of Electrical Engineering, AZZO's experts developed their high-end Portable Metering kits to offer exceptional insights at an affordable cost. In comparison to a permanent solution, AZZO's utility grade Portable Metering equipment gives the same insight but in a quick-to-deploy and easy to install fashion. These insights can also help to support decision-making for customers investigating a permanent meter solution.



## THE HARDWARE



## TECHNICAL

Up to 0.1S accuracy

Complies with recognized power quality monitoring standards:

- IEC61000-4-30 class A
- IEC62586-1 / IEC62586-2
- EN50160 Compliance Monitoring
- IEEE 519
- IEE 1159
- SEMI F47

Patented disturbance direction detection, extended waveform capture (1s pre-event data / 3s event data @1024 s/c) and high speed RMS data capture for in-depth analysis of any PQ disturbance in your electrical system

Power Quality Detection:

- Harmonics/inter-harmonics
- Transients
- Flicker
- Sag/swell

Rogowski Coils measure up to 4000A at 50-20,000 Hz

## DEPLOYMENT

AZZO's Portable Metering kits have been designed to deliver in sectors such as:

- Renewable energy
- Microgrids
- Stadiums
- Universities
- Hospitals
- Government facilities
- Shopping malls and retail space
- Commercial buildings
- Health Care facilities
- Industrial and manufacturing facilities

AZZO Portable Metering kits are:

- All certified and tested
- Quick deployment
- Easy install
- Fast turnaround reporting allowing quick response time on actionable information
- Manufactured at AZZO headquarters in Australia



## POWER MONITORING EXPERT

Power Monitoring Expert (PME) software is a complete, interoperable, and scalable software dedicated to power management. PME enables the improvement of operational efficiency, reduces energy-related cost and ensures electrical network reliability with reduced downtime.

