

ACCuMeasure™

ACCuMeasure™ 9000Q — a next-generation Power Quality Meter engineered for top-notch accuracy and performance. Designed for professionals who demand precision, the ACCuMeasure™ 9000Q combines cutting-edge technology with intuitive operation, ensuring consistency, reliability and accuracy in each and every reading.

HIGHLIGHTS

- Class S Metering (IEC 61000-4-30)
- 5-inch High-Contrast TFT Touch Display
- Full Harmonics & Interharmonics up to 127th
- Built-In Web Dashboard + IoT Cloud Connectivity
- 1024 Samples per Cycle
- Advanced Voltage Event Analysis
- Supports configurable DI/DO*

TECHNICAL SUMMARY

ELECTRICAL SPECS

- Accuracy Class: 0.2S (IEC 62053-22)
- Current Input: 10 mA–6
- Frequency: 45–65 Hz
- Sampling Rate: 1024 samples/cycle
- Voltage Input: 50–600 VLL AC

POWER QUALITY STANDARDS

- IEC 61000-4-30 (Class S), EN 50160, IEEE 519-2014/2022, ITIC Curve

COMMUNICATION

- RS485 (Modbus), Ethernet (TCP/IP, Modbus TCP, DHCP, MQTT), SNTP*, SMTP* email alerts

DISPLAY & STORAGE

- 5-inch TFT touch display (800×480)
- 4GB internal data logging, USB port

ENVIRONMENTAL

- –10°C to +55°C operating; 5–95% humidity; CAT III

MECHANICAL

- Dimensions: 155 × 155 × 63 mm
- Weight: 600 g (unpacked)

POWER QUALITY METER



POWER QUALITY METER

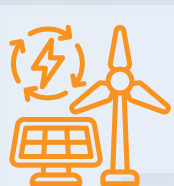
WHY PROFESSIONALS CHOOSE **ACCuMeasure™ 9000Q**

- Class S certified accuracy for compliance and auditing
- Real-time demand, TOU profiling, and load forecasting
- Robust industrial design with RS485 + Ethernet + cloud access
- Better harmonic analysis feature
- Energy efficiency insights + CO₂ emissions tracking*

APPLICATION

 **Industrial and Manufacturing Plants**– Protect sensitive equipment using deep harmonic analysis and voltage imbalance detection.

 **Data Centers**– Ensure continuity with real-time PQ monitoring and predictive load management.

 **Microgrid and Alternate Energy** – Ensures stable integration of solar, wind, battery storage, and grid sources through Class-S power quality analysis and real-time remote monitoring.

 **Commercial Buildings**– Optimize energy load distribution, reduce operational cost, and track CO₂ emissions.

WHY IS **ACCuMeasure™ 9000Q** CRITICAL?



Monitoring Critical Assets



Optimize Energy Management



Remote Monitoring



Enhance Reliability