![Itron]

CENTRON®
Polyphase

Solid State Meter

Itron extends solid-state CENTRON metering platform to the commercial and industrial market.

Take a close look at the Itron CENTRON Polyphase meter. The platform is the same reliable and proven CENTRON technology the industry has come to trust for accurate and reliable residential electricity metering, but the CENTRON Polyphase has all of the advanced functionality and exceptional accuracy you need to meet the critical demands of your low- to mid-tier commercial and industrial (C&I) customers.

Today's evolving energy markets are driving a fundamental re-examination of the way electricity is marketed, measured and purchased. With the growing emphasis on regulatory compliance, demand response and excellence in customer service, shouldn't you take a closer look at how you measure and collect consumption and usage data for your C&I customers?

More Choices, More Power

As the need to lower operational costs and improved measurement and billing accuracy grows, the CENTRON Polyphase meter provides utilities with an exceptional measurement platform to meet the needs of today and tomorrow. What's more, the CENTRON Polyphase architecture easily integrates into large-scale AMR and AMI systems so that your utility can successfully meet future industry demands—on demand.

Take a closer look at the CENTRON Polyphase meter and discover the features—and the flexibility—that are perfect for optimizing operations and better serving your C&I customers.

» Polyphase, solid-state platform
» Interchangeable communication personality modules
» Rapid response to specialized needs from Itron
» Informative developer's kit provides tools that allow rapid customization

Advanced Metering Made Easy

The CENTRON Polyphase meter platform with Hall Cell technology inside meets all of your C&I metering needs—from basic metering to AMR, AMI and advanced metering. The two-part design and well-documented interface are engineered to allow easy implementation of communication and personality modules that are proven to boost your operations management and acquire the data that you need to provide exceptional data acquisition and customer service.

The CENTRON Polyphase platform provides the flexibility to adapt your meters as your needs change.

CENTRON POLYPHASE CP1S

Solid-state Polyphase Meter

Like the solid-state CENTRON Residential meter platform with Hall Sensor technology, the CENTRON Polyphase has a flexible format that allows communications and other register functions to be separated onto option boards for easy upgrades, including demand, time-of-use (TOU) and load profile.

PRODUCT

knowledge to **shape your future**

» All calibration data is permanently stored in the base of the meter

» Interchangeable personality modules are part of snap-in register assembly

CENTRON POLYPHASE V&I CP1SD, CP1ST, CP1SL

Multifunction Personality Meters

These polyphase solid-state meters are available with interchangeable personality modules that snap into the standard CENTRON Polyphase metrology base to provide flexibility to adapt to your changing and expanding needs. The three multifunction modules available include a Demand module (CP1SD), a Time-of-Use (TOU) module with Demand (CP1ST), and a Load Profile module with TOU and Demand (CP1SL).

» Non-volatile memory means that all programming, register, TOU and load profile data are stored during a power outage

» Self-read capability means billing data can be stored automatically at programmable times to be read later

» Bi-directional metering means all three multifunction modules are capable of m easuring and displaying delivered and received energy (kWh)

» Optional multi-ERT RF communications

CENTRON POLYPHASE CP1SR

Radio Frequency Personality Module

Allows kilowatt-hours and tamper data to be reported through RF transmissions. Messages can be retrieved using either a mobile receiver or handheld off-site reading device.

» One-way, unlicensed RF device uses the Itron standard protocol

» Energy RF transmissions contains unit ID number, unit type, energy usage, tamper status and cyclic redundancy check (CRC) to ensure message integrity

» Patented tamper detection features

» High Power ERT signal

» Support for SCM and IDM signals