

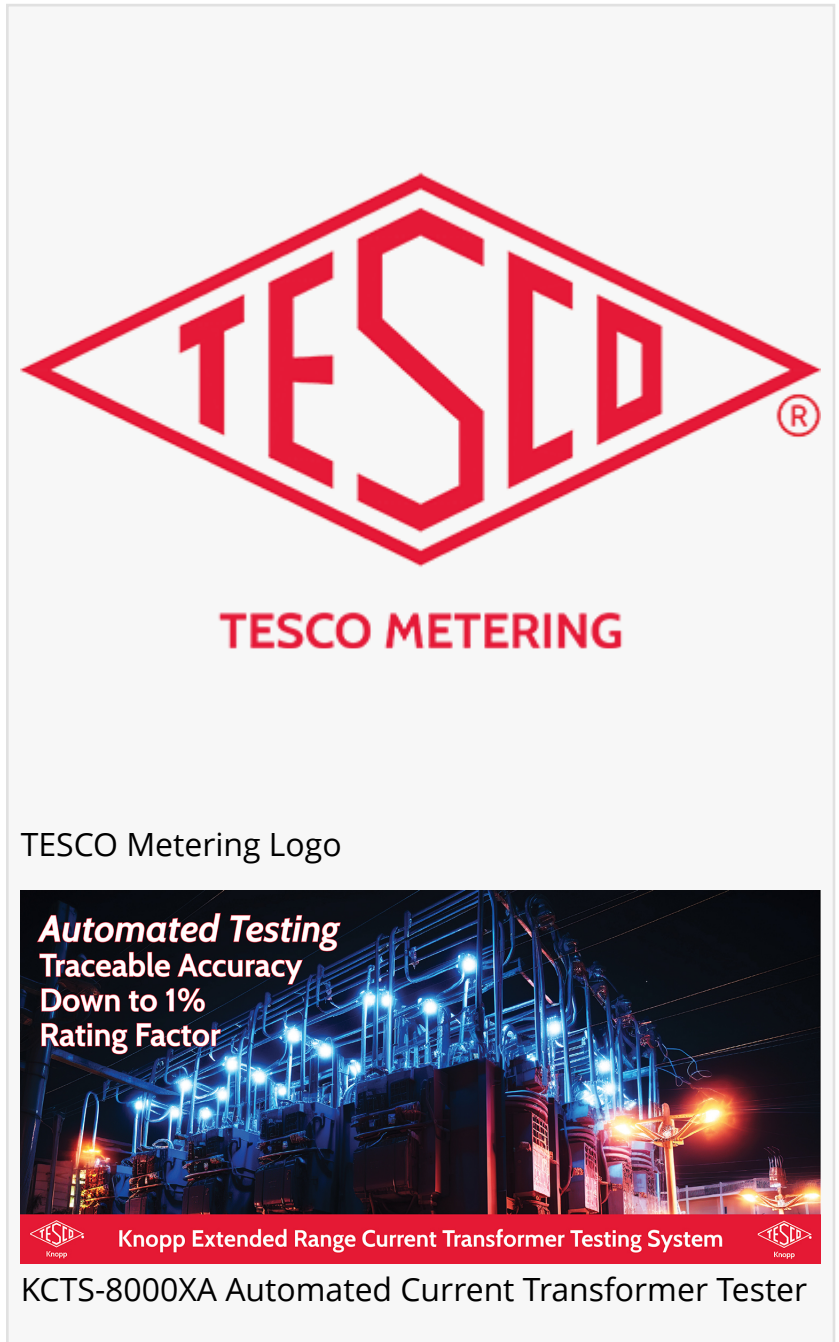
# TESCO® Unveils Advanced Automated Current Transformer Testing System for Utility Labs,

*Achieves 1% accuracy for CTs up to 8000 amps, ensuring precise metering and billing with traceable, reliable results.*

BRISTOL, PA, UNITED STATES, January 16, 2025 /EINPresswire.com/ -- TESCO® Metering, the trusted name in metering solutions since 1904, proudly announces the release of the Knopp Automated Extended Range Current Transformer Testing System (Type KCTS-8000XA). Designed to revolutionize current transformer (CT) testing for utility companies, the KCTS-8000XA combines cutting-edge technology with automated efficiency, enabling faster, safer, and more precise testing.

The KCTS-8000XA offers unmatched accuracy down to 1% ratio for CTs with primary currents up to 8000 amperes, making it an indispensable tool for utility labs. Its advanced automation features allow seamless integration with TESCO Device Manager (TDM), Meter Manager, or other systems, reducing operator error and ensuring consistent, traceable results.

“This system represents TESCO’s commitment to innovation and quality,” said Tom Lawton, President and CEO of TESCO®. “By automating the testing process and integrating real-time data management, the KCTS-8000XA empowers utility professionals to achieve greater efficiency, accuracy, and safety in transformer testing.”



TESCO Metering Logo



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*Tom Lawton, President and  
CEO of TESCO®*

#### Key Features of the KCTS-8000XA:

- **Automated Testing:** The system autonomously performs tests after setup, ensuring repeatability, reproducibility, and minimal operator intervention.
- **1% Accuracy at Low Rating Factors:** Provides traceable accuracy for instrument CTs with primary currents up to 8000 amps, supporting precise metering and billing.
- **Electronically Compensated Burdens:** Delivers consistent test results by automatically adjusting for impedance and power factor, even at low currents.

- **Real-Time Monitoring:** Displays and records burden measurements live for complete transparency and validation.
- **Enhanced Safety Features:** Protective circuitry, motorized test current control, and zero-start functionality safeguard both equipment and operators.
- **Utility Lab Optimization:** Tailored for high-demand environments, enabling faster and more accurate testing of multiple transformers.

The upgraded Knopp Current Transformer Comparator, integrated into the KCTS-8000XA, measures phase angle and ratio errors with heightened accuracy, automatically completing tests for maximum efficiency. By including ANSI standard burdens with active monitoring, the system sets a new benchmark for utility testing operations.

TESCO® continues to deliver reliable and innovative solutions that exceed customer expectations, aligning with its mission to be the primary metering resource for electric utility customers worldwide.

For more information about the KCTS-8000XA or TESCO’s suite of metering solutions, please visit <https://www.tescometering.com/product/kcts-8000xa-automated-ct-testing-system/> or contact TESCO at (610) 925-5900.

#### About TESCO® Metering

##### Mission Statement:

“To Become the primary outside metering resource for all our electric utility customers.”

##### Quality Policy:

“TESCO® delivers effective solutions that exceed our customer’s expectations for quality and service and is committed to continually improve the effectiveness of our quality system.”

TESCO® has been the trusted source for meter testing instruments and accessories since 1904. Our company is growing and working to serve YOU!

Any meter test technician or engineer knows the TESCO® name means reliability and ruggedness. This reputation for durability continues today with our commitment to develop and deliver artificial loads and burdens, test switches, wattmeter test accessories, and a full range of meter testing operational support needed in today’s competitive and changing market.

Today, these products combined with engineered solutions such as ultrasonic cleaning systems, statistical sampling process development & supporting software, and technical support for preparing proposals and reports for regulating agencies and Public Utility Commissions (PUCs) for both electrical and gas metering operations, help make TESCO® the preferred supplier for utilities worldwide. TESCO®’s services include Meter Shop Layout, Statistical Sampling, Equipment Specifications, Field Services, Facility Relocation, Quality Systems, Project Management, and Custom Equipment.

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