

# KATC-V2 AUTOMATIC VOLTAGE TRANSFORMER COMPARATOR

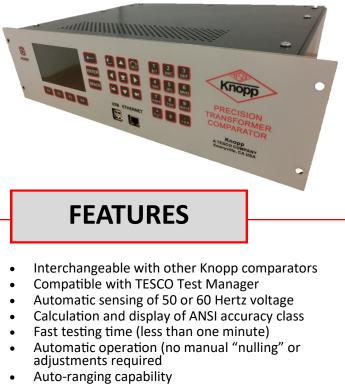
### A TESCO COMPANY

### **ISSUE SOLVED**

#### Got older, slower equipment? Knopp's KATC-V2 is faster. more robust and more accurate!

Knopp's KATC-V2 is a highly accurate state-of-the-art voltage transformer comparator that is compatible with all older generation Knopp comparators, and is designed to be a direct, plug-in replacement with additional test set cables to fit in the existing Knopp Voltage Transformer Test Systems.

Save time and money on service by upgrading your comparator to our new next generation model!



- Full color LCD display
- Emergency shutoff feature through control of the interlock relay
- Direct plug in replacement that comes with enhanced cable harnessing

## SPECIFICATIONS

0.01

0.01

0.01 0.01

0.01

0.1

Dimensions:	19" wide x 18.1" deep x 5.25" high. Note: This is a standard 3U rack enclosure.	
Weight:	Approximately 25 pounds	
Input Power:	85 to 250 VAC, 2.5A, 50/60 Hz	
Test Frequency:	50±1 Hz, 60±1 Hz	
Standard Input	Range: $40V$ to $350V$ Phase Error: $\pm 90$ degreesRCF: $0 \le RCF \le 10$ Ratio Error: $-100\% \le Ratio Error \le +1000\%$ Accuracy Class: $0\% \le Accuracy Class \le 100\%$ Resolution:RCF:RCF: $0.00001$ Phase: $0.001$ degreesAccuracy Class: $0.01$	
Resolution:	Phase Angle <u>RCF (Minutes) Acc. Class</u>	

0.0%≤ Acc. Cl. <0.2%	
0.2%≤ Acc. Cl. <0.7%	
0.7%≤ Acc. Cl. <1.4%	
1.4%≤ Acc. Cl. <10.%	
10.%≤ Acc. Cl.	

0.00001 0.00001 0.0001 0.0001 0.0001

0.1 1 1

0.1

Accuracy: RCF < 0.005% Phase < 0.002 degrees

Burden: Standard Transformer—typically less than 0.2 VA at 5A. Test Transformer-typically less than 0.2 VA if within 0.6% Accuracy Class.

I/O Connections: Two (2) USB 2.0 (front panel); Ethernet (front panel); RS485 Multi-drop (rear panel for internal communications)

Transformer Inputs: S: High side reference transformer, U: High side transformer under test (TUT), G: Ground (low side reference and TUT).

AC line input current monitor; AC line input **New Inputs:** voltage monitor; TUT primary voltage monitor

Accessories: New external cable set included

**Related Equipment:** Knopp's KVTS Voltage Transformer **Testing System** 

