



Vanguard Instruments Company, Inc.

Tri-Phase



The Tri-Phase is a true three-phase transformer turns-ratio tester designed to conform to the IEEE C57.12.90 measurement standard. The Tri-Phase generates and outputs a three-phase excitation test voltage to the three transformer primary windings. The induced three-phase secondary voltages are sensed, and the transformer turns-ratio is calculated. The Tri-Phase can measure turns-ratios from 0.8 to 15,000. The three-phase turns-ratios, excitation current, and phase angle readings are displayed on the unit's LCD screen. Since a three-phase voltage is used to excite the transformer windings, the Tri-Phase can detect and measure turns-ratios of any transformer type, including phase-shifting transformers.

The Tri-Phase has been in production since 2008.



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Partial Client List

Australia

Enertel Pty Limited

Bahrain

AA Bin Hindi Special Projects Div

Canada

Beldon Sales

RCC Electronics

China

Hongbang International Limited

Italy

G.B. Services S.R.L.

Malaysia

Labmetrik Electrical Sdn Bhd

South Africa

Elequip Trading S.A.

UAE

AYT International LLC

USA

AEP Texas Central Company

Circuit Breaker Sales & Repair

Dayton Power & Light Company

Ferguson Enterprise

GEII

PSE&G

Robinson Sales

RTS Transformers

San Diego Gas & Electric

SCE

Southwest Electric Co

Transcat Inc

TRICO Electric Cooperative Inc

UNS Electric Inc.