



**Vanguard Instruments Company, Inc.**

## **LTCA-10/40**



The LTCA-10 and LTCA-40 are transformer winding resistance meters and load tap changer analyzers. The LTCA product line is designed to accurately measure the winding resistance of highly inductive power transformers. The unit's triple resistance-reading input channels can measure three winding resistances simultaneously, and four-wire (Kelvin) connections provide high accuracy and require no lead compensation. A special feature of these devices is their ability to measure and graph the resistance trace of a transformer LTC or voltage regulator contact during operation. One resistance input channel is dedicated to this feature. The LTCA-10 provides stable resistance readings of very large transformers by utilizing a 60 Vdc power supply capable of outputting a test current up to 10 Amperes. The LTCA-40 can output a test current up to 40 Amperes. Both models feature a built-in 4.5" wide thermal printer that can be used to print reports in the field.

The LTCA product line has been in production since 2008.



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## LTCA-10/40

### Partial Client List

#### **Bahrain**

AA Bin Hindi Special Projects Div

#### **Canada**

Beldon Sales

RCC Electronics

#### **Chile**

Ingesin Limitada

#### **China**

Precision International Corp

#### **Colombia**

Empredata

#### **India**

Mtekpro Engineering (P) Ltd

#### **Indonesia**

PT Surya Prima Eltrindo

#### **Malaysia**

Labmetrik Electrical Sdn Bhd

#### **New Zealand**

Fraser Engineering Services Ltd

#### **South Africa**

Elequip Trading S.A.

#### **Spain**

EFACEC USA Inc

#### **Turkey**

Testone Teknoloji Cozumleri

#### **USA**

AEP Texas Central Company

City of Danville - Acct Payable

Energis High Voltage Resources Inc

KVA Electric Inc

PG&E

SCE

South Texas Electric Coop Inc

T.S. Williams & Associates

Telogy Inc

TVA

#### **Venezuela**

VCB Breakers

#### **Vietnam**

Ha Long Inspection & Technical Service