



**Vanguard Instruments Company, Inc.**

## DigiTMR



The DigiTMR is a microprocessor-based, time-versus-travel, circuit breaker analyzer. In Quick-Shot Mode (optional), the DigiTMR has the capability of online testing and can capture the breaker's trip or close time, the trip/close-coil current "fingerprint," and the battery supply voltage while the breaker is still in service. In Time-Travel mode, the DigiTMR can fully analyze a circuit-breaker's performance by testing the contact time, stroke, velocity, over-travel, and contact wipe. Contact-motion analysis can be performed for all breaker contact operations (Open, Close, Open – Close, Close – Open, and Open – Close – Open).

The DigiTMR has been in production since 2004, and over 180 units have been sold world-wide.



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## DigiTMR

### Partial International Client List

### Partial Domestic (U.S.) Client List

#### Argentina

Inducor Ingenieria S.A.

#### Australia

Enertel Pty Limited

#### Canada

Beldon Sales

RCC Electronics

#### China

Precision International Corp

Shanghai Leheng General Equipment Co.

#### India

Hiru Technologies

#### Malaysia

Labmetrik Electrical Sdn Bhd

#### Mexico

Instrumentos Y Equipos De Vanguardia S.A.

#### Philippines

Georgetown Electrical Systems

#### Portugal

Aquila Inc.

#### South Africa

Elequip Trading S.A.

#### Turkey

Testone Teknoloji Cozumleri

#### Venezuela

VCB Breakers

Alyeska Pipeline Service Co

Amtrak

Aubrey Silvey Enterprises Inc

Basic Power Company

California Engineering Services

City of Idaho Falls

City of Palo Alto

Electric Power Systems

EMS

EPS

Esco Electric

Etalon Co

GE

GRU

Harrisonburg Electric Commission

HD Supply Utilities Ltd

Independent Electric Machinery

Industrial Tests Inc

Intellirent

Intermountain Rural Electric Assoc.

JS Rome Group

Keyspan Energy

Liberty Power Service

Magna Electric Corporation

Narragansett Electric Co

National Grid

Newark Services

Northern California Power Agency

PG&E

Power Systems Distributing

Protec Equipment Resources Inc

Sacramento Municipal Utility District

Sunflower Electric Power Corp

Switchgear & Power Services LLC

T.S. Williams & Associates

Tarbell Associates

Tidal Power Services LLC

Tony Demaria Electric Inc

Tucson Electric Power

UNS Electric Inc.

US Army Corps of Engineers

Wesco Distribution Inc

Western Area Power

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