



Vanguard Instruments Company, Inc.

ATRT-03 Product Line



The ATRT-03 line is Vanguard's second generation family of microprocessor-based, automatic, three phase, transformer turns-ratio testers. The ATRT-03 line consists of the following three models:

- The ATRT-03 is a line-powered, 120/240 Vac (selectable), 50/60 Hz turns-ratio tester featuring a built-in thermal printer.
- The ATRT-03A can be powered either by an internal rechargeable lead acid battery, by 90-240 Vac, by 110-240 Vdc, or by a 12 Vdc external source. The internal battery provides 3 hours of operational time. The ATRT-03A also features a built-in thermal printer.
- The ATRT-03B is a line-powered, 120/240 Vac (selectable), 50/60 Hz turns-ratio tester without a built-in thermal printer.

The ATRT-03 product line has a long history of reliability. The first generation was introduced in 1995, and the second generation followed its success starting in 2002. With over 1,700 units sold world-wide, the ATRT-03 line is a long-standing industry workhorse.



Vanguard Instruments Company, Inc.

ATRT-03 Product Line

Partial International Client List

Argentina

Inducor Ingenieria S.A.

Australia

Enertel Pty Limited

Entergy

Brazil

Baur do Brazil-Belo

Canada

Beldon Sale Ltd

Duncan Instruments

RCC Electronics

Chile

Ingesin Limitada

China

Dexin International Inc.

Hongbang International Limited

Shamu Enterprise Inc.

Colombia

Amp Contratistas Electricos S.A.

Eltas Transformator San Ve Tic A.S.

Instronic Instrumentos de Testes Ltda

Costa Rica

Electronic Engineers SA

Egypt

Engineering Trade Office

Greece

Timoleon Kouvelis Ltd

India

AYK (PVT) Ltd

Hiru Technologies

Indonesia

PT Surya Prima Eltrindo

Malaysia

Labmetrik Electrical SDN.BHD

Mexico

Faturamento

Hada Servicios Electricos Ltda

RAK SISTEMAS

New Zealand

Fraser Engineering Services Ltd

Peru

Logytec SRL

Portugal

Aquila Inc

Saudi Arabia

Ahram Al Furat Contracting Co. Ltd

South Africa

Equip Trading S.A. Switzerland

South Korea

World Market Corporation

Taiwan

Precision International Corp.

River Enterprise CO.

Thailand

NYR Limited Partnership

Turkey

ABB ELECTRIK SANAY A.S.

Testone Teknoloji Cozumleri

UAE

Al Yakout Electrical Fittings

AYT International LLC

Venezuela

VEPCA Equipos Electricos

Vietnam

Ha Long Inspection & Technical Svcs.

Haintec JSC

Precision Technology Co. Ltd



Vanguard Instruments Company, Inc.

ATRT-03 Product Line

Partial Domestic (U.S.) Client List

4-Way Electric Co Inc	Delmarva Power & Light Co	MidAmerican Energy Co.
Advanced Technology Engineering	Detroit Edison	Minnkota Power Cooperative Inc
AEP	Dominion Virginia Power	NASS
Alabama Power CO	DTE Energy	National Grid
Alameda Power & Telecom	Duke Energy	Nebraska Public Power District
Allegheny Power	Dynergy	Nevada Power Co.
Alliant Energy	East River Electric Power	North American Subststion Services
ALSTOM-High Voltage Switch Gear	Eaton Corporation	North Central Electric
Ameren IP	Electric Power Systems	NovaTech Engineering Services Inc
American Electrical Testing	Electro-Test, Inc.	OG&E
AREVA	Emerson Electrical Reliability	Omaha Power District
ATCO	EPB of Chattanooga	Oncor Electric Delivery
Atlantis Technology Inc.	Etalon Co	Pacificorp
Aubrey Silvey Enterprises Inc	First Energy Corp	PG&E
Austin Energy	Florida Keys Elec Coop Asn Inc	Phenix Technologies
Austin International Inc	Florida Power & light	PI International, Inc.
AVOX Technologies	GA Power Co	Portland GE
Baltimore Gas & Electric	GE	Powerpoint Engineering Ltd Unit 5B
Bechtel Bwxt Idaho LLC	Georgia Power Co	Progress Energy
Black Hills Power & Light Co	Grand River Dam Authority	Protec Equipment Resources Inc
Bonneville Power Admin	Great River Energy	Puget Sound Energy
California Engineering Services	Hawaii Electric Light Co Inc	Sacramento Municipal Utility District
Calpine Operating Services	HD Supply Utilities Ltd	Salt River Project
Central Hudson Gas & Electric Corp	High Voltage Maintenance	San Diego Gas & Electric Co
Central Valley Electric Co-Op	Interstate Power and Light Co	Santee Cooper
Cetech Sarl	Jackson Energy Authority	Shermco Industries
Chelan County Power	Justalease Corporation	Siemens
CILCO	Kamo Power	Sierra Pacific Power Co.,
City of Anaheim	Kender Engineering Corp.	SMUD
City of Naperville	Kentucky Power Co.	Southern California Edison
City of Wilson	Kingsport Power Co	Square D
Comed Energy Delivery	Kootenai Electric Cooperative	Tacoma Power
Connecticut Light & Power Co.	Kuhlman Electric Corp	Tucson Electric Power
CPS Energy	Lakeland Electric	United Technology
Custer Public Power District	Lansing Board of Water & Light	Utah Power & Light
Dawson City Public Power Dist	Louisville Gas & Electric	WAPA
Dayton Power and Light Company	Madison Testing & Acquisition Service	Waukesha Electric Systems Inc