Functional ATE & Power Supply Testers

Military and Aerospace Test Systems
Functional ATE Systems
Power Supply Test Systems
Hi-Pot Test Systems
ESS / Burn-In / Vibration Monitoring Systems
Manual Test Systems
Test Fixtures and ITAs
Box Builds and Sub-Assemblies
Switching and I/O Cards
Custom Cabinets and Accessories

KEYSIGHT
TECHNOLOGIES
Solutions Partner

FineTest 1 Industry Drive, Palm Coast, FL 32137 Tel: (386) 569-6189 Fax: (386) 446-0463 email: sales@finetest.com

Functional ATE & Power Supply Test Systems

FineTest

www.finetest.com

KEYSIGHT TECHNOLOGIES
Solutions Partner

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FineTest Manual Test Systems are used for many diverse applications including the following:

Military and Aerospace Power
Telecom Power Cabinets
Avionics Functional Test
Design Verification Test
Sub-Assembly and Board Test

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Manual/Automatic Test Station

Front view of Test Station
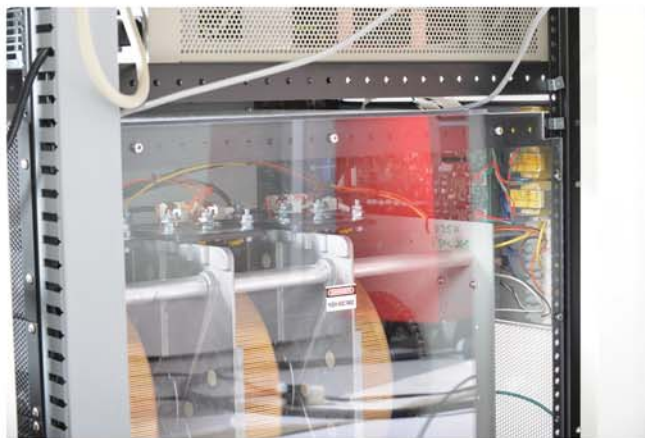
Application: Military AC/DC Power Supplies

Features: Manual (Touchscreen) and Automatic Operation

FineSoft on LabWindows CVI platform

3 Phase Motor Driven Transformer and Power Meter

MANUAL TEST SYSTEMS

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Close-Up showing Touchscreen Monitor

for easy Manual Operation

3 Phase 400 Hz Motor Driven Transformer

Side View with Side Door Open showing

Bus Bars, Control Relays, Resistive Loads

Communications and Relay De-Bounce Cards

easy access for service and maintenance

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Avionics Manual Test Stations

Front view of Avionics Manual Test Station #1

Application: Avionics Manual Test Station

Features: Manual Switches for UUT Digital I/O and Control,

Loads On/Off, Power On/Off,

Multiple Test Point Connections to Scope or DMMs

Computer Communication to UUT, Fixture with Safety Cover

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Front view of Stations #1 and #2

Interface Unit is on Slide-Out Shelf,

with removable Top and Front Door

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Manual Tester for Telecom Power Cabinets

Front view of Manual Cabinet Tester

Application: Telecom Power Cabinets

High volume production test

Features: Resistive Loads

2 Digital Multimeters

RS485 communications for EEPROM programming

2 DC Power Supplies

Electronic AC Source

Flashing Safety Light

LED UUT Alarm Status Panel

Computer for Document Retrieval and Data Collection

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Manual Adjust of Equipment

Manual Tester #1 with a Power Cabinet Connected

Tester #2 on Production Floor

Connecting a Power Cabinet for Test

Manual Tester #1

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Manual Tester for Telecom Power Cabinets continued...

MANUAL TEST SYSTEMS
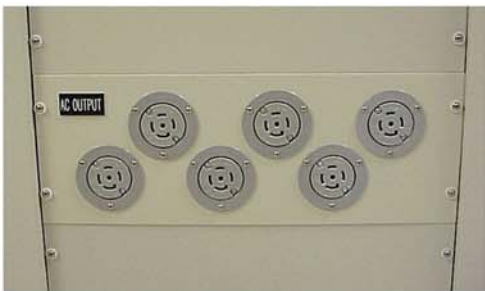

Front view of Manual Cabinet Tester

AC and DC Sources

AC Outputs

Flashing Lamp and UUT Alram Panel

Resistive Load A

DMMs, AC Adjust, On/Off, & Meters

DC Out & DMM Test Point Select

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Telecom Power Cabinet Manual Tester in 2 Racks

Front view 2 Rack Cabinet Tester

Cabinet Tester in Production

Testing a Power Cabinet in Production

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Telecom Power Cabinet Manual Tester in 1 Rack
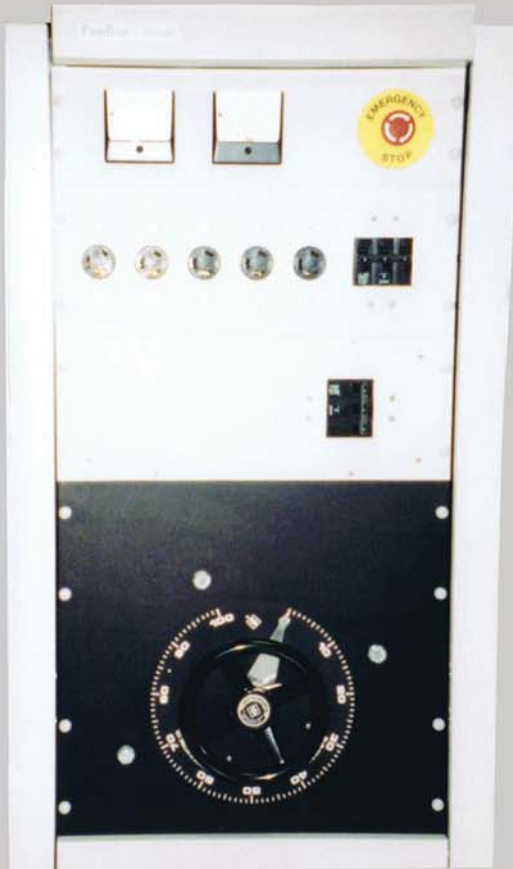
MANUAL TEST SYSTEMS

Front view of Tester

Application: Telecom Power Cabinets

High volume production test

Features: Resistive Load

2 Digital Multimeters

DC Power Supply

Switched AC Outputs

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Manual AC Tester for Telecom Power Repair

Front view of Manual Tester

Rear view of Manual Tester

Application: Repair Bench Test

Production Test

Features: Manual Variac AC Transformer

AC Voltage and Current Meters

Multiple AC Outputs

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Manual Tester for Sub-Assembly and Board Test

Front view of Manual Tester

Application: Sub-Assembly and Board Test Bench

Features:

Custom Front Panel Interface for Multiple Test Fixtures

Push Button Matrix to DMM with LED Connection Status Panel

Relay Switches with LED Panel

Manual Variac AC Transformer

AC Voltage and Current Meters

1000W Kikusui Electronic Load

4 Sorensen DC Power Supplies

2 AC Outputs with Circuit Breaker, On/Off Switches and LEDs

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DMM, AC Voltage & Current Meters

AC Variac Control and Load Input

Relay & Matrix switches & LEDs

Breaker, On/Off, LEDs, AC Outputs

Custom Front Panel Interface

Front View of a Board Test Fixture

Rear view of a Board Test Fixture

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FineTest Production Floor

FineTest Building at 1 Industry Drive

ft FineTest

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