

1500 Low Voltage Series



Low cost, benchtop harness tester puts precision low voltage analysis at the tip of your finger!

The Horizon's portability, simplicity and reliability have earned it international recognition throughout the automotive, aerospace, computing, medical, military, telecom and transportation sectors. Horizon wiring analyzers test everything from simple data cables to complex wiring harnesses.

Typical applications range from the essential testing of PC cabling to the field analysis of wiring assemblies in military aircraft.

The Horizon offers an unrivalled diversity of test scenarios in a portable wiring analyzer. Its touch-screen control makes it exceptionally easy to program and test. Standard test capability includes fault location, automatic product learning and test generation.

All models enable 128-point testing with modular expansion capability up to 1024 points.

Horizon software enables error-free product assembly with its **Build-Aid** tool, powerful program development using TCL scripting and virtually unlimited test storage capabilities with a built-in hard disk.

All Horizon wiring analyzers support **SPC**, which enables users to manipulate test data in leading spreadsheet and database applications. Let CableTest help you **achieve more. Faster.**

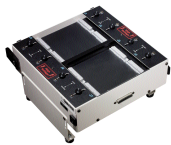




Horizon LV1



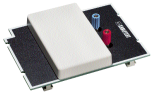
Digital Probe



Expansion Box



Palm Switches



Verification Tool



HA106 Adapter



HA130 Adapter



HA207A Adapter

[System Configuration]

- The built-in Pentium PC and hard drive provides fast and capable computing power allowing fully independent operation of each Horizon tester
- The following external computing capabilities can be easily added: VGA monitor, printer, keyboard, mouse and network capability
- Supplied with ground probe, instruction manual, AC power pack, calibration certificate and one-year warranty

[Options and Accessories]

- Full range of product adapters
- Custom adapter kits
- Expansion boxes in 128-point increments with cable lengths of 3', 6', 9' and 15'
- Tools for periodic verification of system calibration
- Palm switches for initiating tests
- Ethernet interface card
- Handheld digital probe for remote probing of product under test
- TCL scripting language
- Simplex and Kelvin test adapters

[SPC and Data Management]

- Text format of test programs and log files permit export, edit and SPC capabilities
- TCL script language for advanced applications

[Test Capabilities]

- Flex test for intermittent failures
- Twisted pair verification
- Resistors, capacitors, diodes, relays, LEDs and switches

[Specifications]

Measurement Speed

- Test a 500 point net in under 1 second
- Auto-start test when product is loaded
- Self-learn known good products

Resistance Ranges and Accuracy

- Two-wire:
 - 0mΩ to 2MΩ at ± 2.5% or ± 20mΩ
 - 2MΩ to 10MΩ at ± 7.0%
 - 10MΩ to 25MΩ at ± 15%
 - 20MΩ to 50MΩ at ± 30%
- Four-wire:
 - 0mΩ to 400Ω at ± 2.5% or ± 10mΩ
 - 400Ω to 2MΩ at ± 2.5% or ± 20mΩ
 - 2MΩ to 10MΩ at ± 7.0%
 - 10MΩ to 25MΩ at ± 15%
 - 25MΩ to 50MΩ at ± 30%

Capacitance Ranges and Accuracy

- 50pF to 1mF at ± 4%
- 50pF to 10,000mF at ± 10%

[Physical Data]

- Power: 110/220VAC, 50/60 Hz, 1A
- Dimensions: 17" L x 9" W x 5" H
- Weight: < 20 pounds (128 point unit)

1. Certain features in this datasheet are optional
 2. CableTest Systems reserves the right to update specifications at any time (see www.CableTest.com for the latest updates)

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