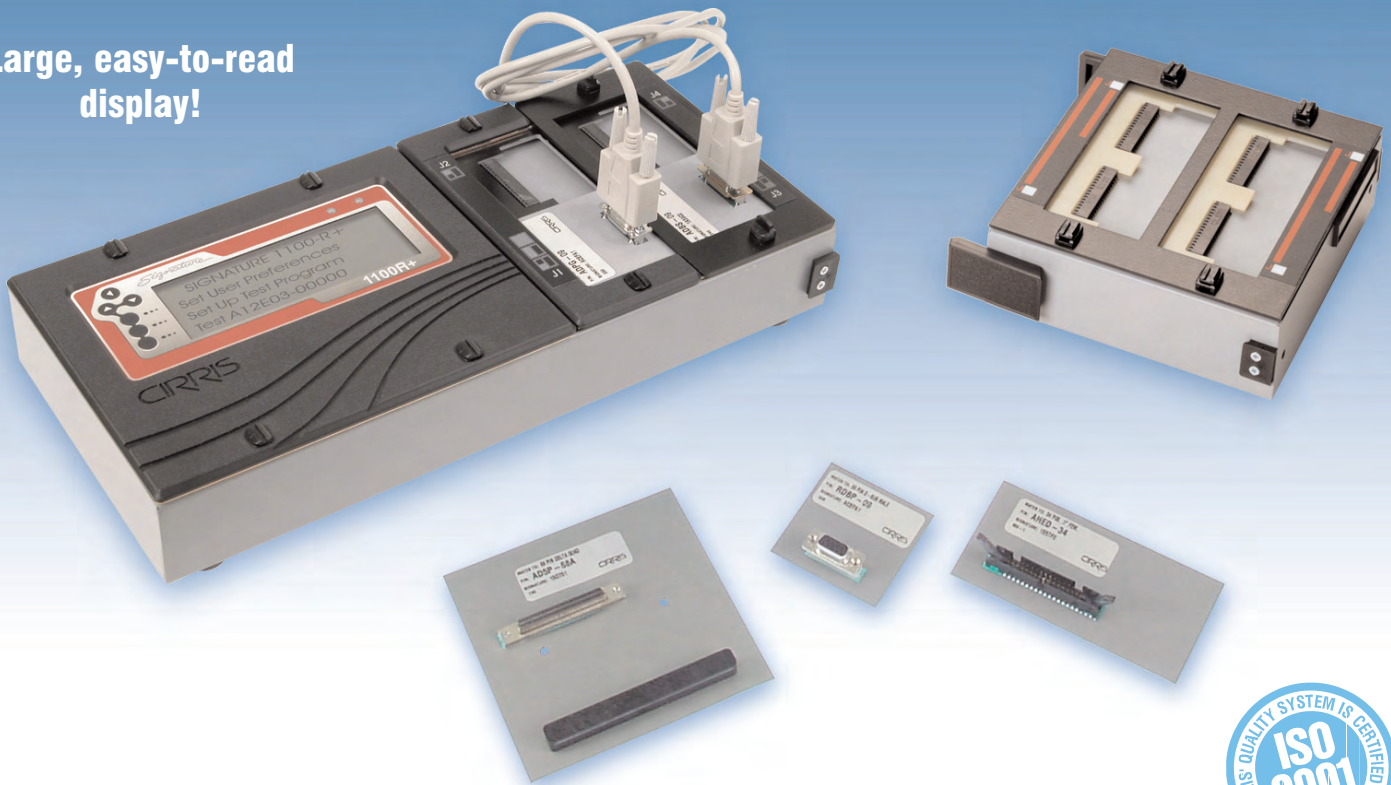


Signature® 1100R+

Large, easy-to-read display!



Easy, Durable, Affordable

The Signature 1100R+ benchtop cable and harness tester packs impressive capabilities into a small, easy-to-use package that fits almost any budget.

Assure Quality Assemblies:

Much more than just a simple continuity scanner, the 1100R+ allows you to thoroughly test all aspects of your cables or harnesses. With a resistance range from .005 to 100K ohms you can truly verify the quality of your connections. Imbedded components in your cables?

No problem. The 1100R+ learns and tests resistors, diodes, and capacitors.

Expands to Meet Your Needs:

Snap on expansion boxes allow you to expand your 1100R+ from 128 to 1024 test points, in 128 point increments.

Interchangeable Adapter Cards:

Choose from over 200 standard adapters which plug directly into the tester, eliminating the need for troublesome adapter cables.

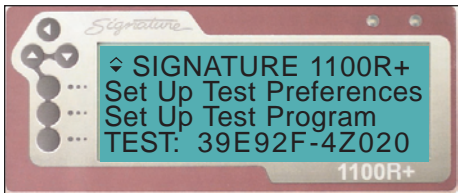
Catch Intermittents: The 1100R+'s fast scanning rate makes it ideal for finding intermittent shorts and opens by flexing the cable while testing.

Satisfaction Guaranteed: All Cirris testers come with a full one-year warranty, 30-day right of return guarantee, and in the U.S. our overnight loaner program.

Call Toll-free 1-800-441-9910 • www.cirris.com

CIRRIS®
Cable/Harness Testing Made Easy™

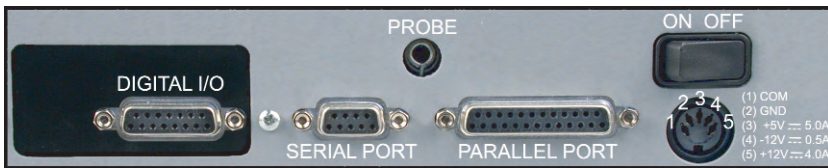
Easy-to-Use: The large 4 line x 20 character display and simple, menu-driven software make the 1100R+ simple to use for any level operator. You create test programs by learning from a sample assembly, or by downloading from a PC through the serial port using CTL-Win software.



Large, easy-to-read 4 line x 20 char. LCD.

Which End Error Detection:

Provides valuable troubleshooting and re-work information by determining which end of the cable has an open or short.



1100R+ includes serial, parallel, probe, and digital I/O ports.

4-Wire Kelvin Testing:

Test resistance as low as .005 ohms and eliminate the resistance of interface wiring by using the 1100R+ in 4-wire mode. (Requires two test points per connection.)

PC Software: CTL-Win

software allows you to link the 1100R+ to your PC to create, edit and save test programs. With CTL (Cirris Test Language) commands you can write custom test programs to control the tester from a PC.

Connector Wiring Detail Report

Print Auto Print Options Help

Connector Wiring Detail

J1 to J2

Test Name: 6BC1F0-MULTI from file: AR-4410-A.wir

Left Connector: J1 Left Description: 09 PIN D-SUB MALE Right Connector: J2 Right Description: 09 PIN D-SUB FEM
Left Part Number: ADPG-09 Signature: ACEFA1 Right Part Number: AD5G-09 Signature: 1A59C0

Instructions included in Connector Wiring View

N	Type	Conn1	Pin1	Conn2	Pin2	Label	Color	Expected	Tol.
1	WIRE	J1	001	J2	001			5.0 Ohm	
2	WIRE	J1	002	J2	002			5.0 Ohm	
3	WIRE	J1	003	J2	003			5.0 Ohm	
4	WIRE	J1	004	J2	004			5.0 Ohm	
5	WIRE	J2	004	J2	007			5.0 Ohm	
6	WIRE	J1	010	J2	010			5.0 Ohm	
7	RESISTOR	J1	006	J2	006			470 Ohm	10 %
8	DIODE	J1	006	J1	007			700 mV	20 %

Graphical Wiring Schematics:

Use CTL-Win software to create Graphical Wiring Schematic Reports of your cables. A graphical library of all standard Cirris adapters is included with the software. You can print the graphical reports, or save them electronically as a PDF file for e-mailing.

Specifications

CAPACITY:

128 to 1024 points in 128 point increments

TEST LEVELS:

≤5 volts 6mA max current

SENSITIVITY:

Connection Resistance

2-wire: .1Ω to 100KΩ ± 1% ± .1Ω also: 500KΩ, 1MΩ, 5MΩ ± 10%

4-wire Resistance:

.005Ω to 10Ω ± 2% ± .005Ω

COMPONENT TESTS:

Diodes: Silicon, zeners with negative bias breakdown >4V

Resistors: .1Ω to 100KΩ ± 1% (default tolerance 10%)

Capacitors: 5nF to 100μF ± 10% ± .02nF (Learn range is 400nF to 100μF)

TEST RATE: 128 points/.25 second (typical)

PROBE: For test point identification

MEMORY: Non-volatile storage of up to 99 test programs

POWER: 100-250VAC, 50-60 Hz, max 50W

SIZE: Main Unit: 14.5" x 6.75" x 2.5" (37 cm x 17 cm x 6 cm)

Add-on Box: 6.25" x 6.75" x 2.5" (16 cm x 17 cm x 6 cm)

WEIGHT: Main Unit: 5.4 lbs (2.5 kg)

Add-on Box: 2.3 lbs. (1 kg)

DISPLAY: 4 line x 20 character LCD

WARRANTY: 1 year parts and labor

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Cable/Harness Testing Made Easy™