

Cable testing at an affordable price

CIRRIS[®]
SYSTEMS



Cirris 1100R+™ low voltage cable tester

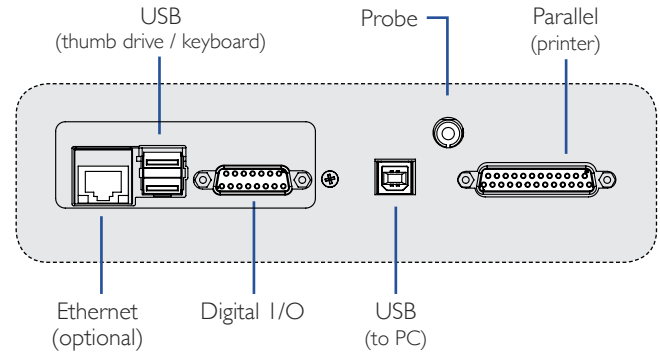
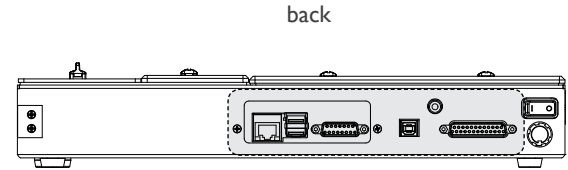
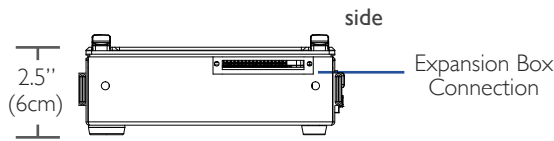
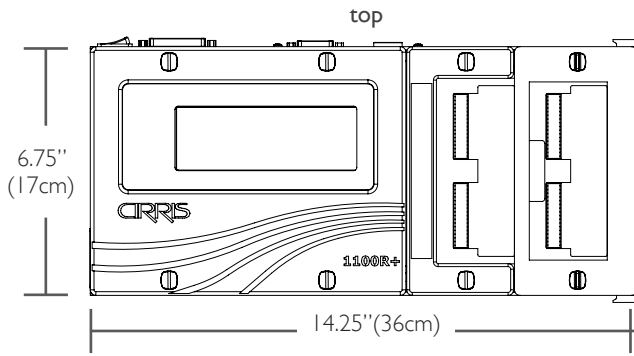
Testing is error prone when done by hand but automated testers can be expensive. However, as cable manufacturers you understand the cost of shipping bad cables.

The 1100R+ cable tester reliably & consistently verifies all electrical connections in a cable or harness assembly. With its ability to verify component characteristics and placement, this cable tester makes testing assemblies easy, accurate, and fast.

Product Features

- **Low cost** – affordable for small shops, scalable for large operations
- **Tests components** – resistors, diodes, and capacitors
- **Quick test setup** – Cirris Adapter System provides inexpensive, interchangeable fixturing
- **Fast testing** – efficient algorithms reduce time spent on testing
- **Expandable for large assemblies** – up to 1024 test points (128 points per box)
- **Compact** – small and lightweight
- **Self-contained** – independent system able to move around the production floor to different test stations
- **Optional PC control** – advanced features available when connected to a PC

For more information visit www.cirris.com/1100r or call 1-800-441-9910.



1100R+ Specifications

Test Points

128 points; expandable to 1,024 points in 128-point increments

Low Voltage Test

■ 2 Wire

Voltage: 4V max

Current: 3 μ A to 6 mA

Resistance: 0.1 Ω to 1 M Ω \pm 1% \pm 0.1 Ω , also: 5 M Ω \pm 10%

■ 4 Wire

Voltage: 4V max

Current: 1 mA to 1 A

Resistance: 0.005 Ω to 10 Ω \pm 2% \pm 0.005 Ω

Component Tests

Diodes: Silicon, LEDs, zeners with breakdown > 4V

Resistors: 0.1 Ω to 100 k Ω \pm 1% \pm 0.1 Ω , 100 k Ω to 5 M Ω \pm 10%

Capacitors: 5 nF to 100 μ F \pm 10% \pm 0.02 nF

Max Points Per Net

Unlimited

Digital Input/Output

4 Inputs / 6 Outputs, 24V Open collector, +10V and +5V each current limited to 100 mA

Test Point Interface

Cirris Adapter System

User Interface

Display: 4 line x 20 character LCD

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

Optional PC control: unlimited memory and additional advanced features

Power

115 / 230V 50/60 Hz

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)