A new generation of easy cable testing

1024 PT
test points

stand alone

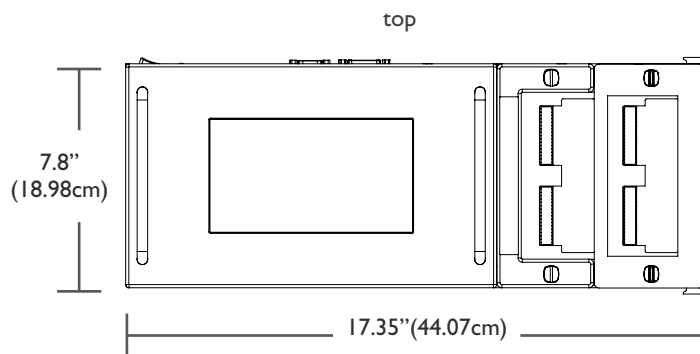# Cirris 4200™ cable tester

CIRRIS® SYSTEMS

New technology has made cable and harness testers more capable than ever. However, finding affordable test equipment that can meet industry standards can be challenging.

The Cirris 4200 cable tester combines the powerful Cirris OS software with the intuitive Cirris Adapter System to create a capable tester that can accurately analyze your cables for opens, shorts, miswires, and other errors.
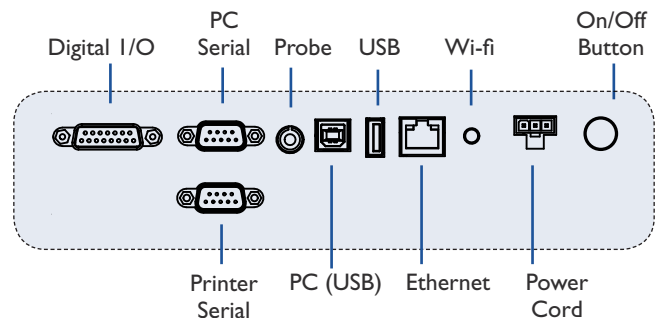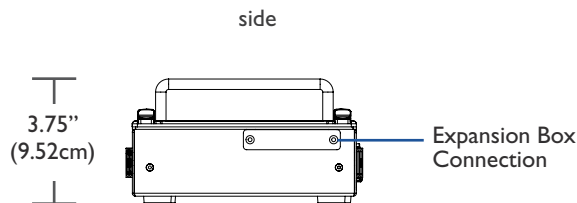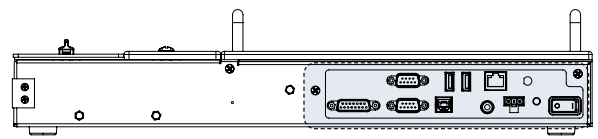
Product Features

- **Quality Without Being Overpriced** – Affordable for small shops and scalable for larger operations.

- **All Essential Testing** – Test for opens, shorts, miswires, and intermittent errors. Also test components such as resistors, diodes, and capacitors.

- **Fast Testing** – Innovative technology and efficient algorithms reduce time spent on testing.

- **Compact** – Small, lightweight, and self-contained for easy mobility around the production floor.

- **Expandable for Large Assemblies** – Expansion boxes allow up to 1024 test points (128 points per box).

- **Easy to Learn** – No advanced skills or training necessary to begin testing.

- **Built-in Networking** – Easily share test programs and printers among multiple units.

- **Test Program Customization** – Customize labels, reports, Digital I/O for test programs.

- **Multiple Language Options** – Interface written in user's native language to avoid mistakes caused by language barriers.

- **Quick Test Setup** – The Cirris Adapter System provides inexpensive, interchangeable fixturing.

- **Transition from 1100** – Use test programs and reports already setup for the 1100R+ on the 4200.

- **Durable** – Test thousands of cables without fear of equipment failure.

- **Optional PC Control** – Connect to a PC and expand capability with Cirris Easy-Wire™ software.

- **Full-color touch screen** – View instructions and test results on 7'' display.

For more information visit 4200.cirris.com or call 1-800-441-9910

top

7.8"
(18.98cm)

17.35"(44.07cm)

side

3.75"
(9.52cm)

Expansion Box
Connection

back

Digital I/O | PC Serial | Probe | USB | Wi-fi | On/Off Button

Printer Serial | PC (USB) | Ethernet | Power Cord

4200 Specifications

Test Points

128 points; expandable to 1024 points in 128-point increments

Low Voltage Test

■ **2 Wire**

Voltage: 4 V max

Current: 3 µA to 6 mA

Resistance: 0.1 Ω to 100 kΩ ± 1% ± 0.1 Ω, 100 kΩ to 5 MΩ ± 10%

■ **4 Wire**

Voltage: 4 V max

Current: 1 mA to 1 A

Resistance: 0.005 Ω to 10 Ω ± 2% ± 0.005 Ω

Component Tests

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

Resistors: 0.1 Ω to 100 kΩ ± 1% ± 0.1 Ω, 100 kΩ to 5 MΩ ± 10%

Capacitors: 5 nF to 100 µF ±10% ± 0.02 nF

Twisted Pairs: Verify proper pairing in twisted pair cables

Max Points Per Net

Unlimited

Digital Input/Output

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

Test Point Interface

Cirris Adapter System

User Interface

Display: 7" color graphical display with capacitive touch screen (800 X 480 pixel resolution).

Localization: English, German, Spanish with ability to translate to other languages as needed.

Memory: Internal memory for test program storage (8GB or more).

File transfer: Transfer test programs either by connecting directly to a PC or using a USB flash drive.

Printing: Local label printing via serial ports. Network printing via optional Cirris Hub™ software.

Optional PC control: Additional advanced features via Easy-Wire™ software.

Power

115 / 230V 50/60 Hz

Size

Main Unit: 17.35" x 3.75" x 7.80" (44.07 cm x 9.52 cm x 18.98 cm)

Add-on Box: 6.24" x 2.50" x 7.80" (15.85 cm x 6.34 cm x 18.98 cm)

Weight

Main Unit: 7.10 lb (3.22 kg)

Add-on Box: 2.30 lb (1.04 kg)

CIRRIS®
SYSTEMS