Cirris Easy-Touch™ Pro high voltage cable tester

As cable and harness manufacturers, you need test systems that fit into production environments and don’t require a lot of maintenance. These systems should measure and report value, and represent to customers that your quality standard is high.

The Easy-Touch Pro is a self-contained high voltage cable tester designed for easy integration within your manufacturing process. Powered by a Windows® PC and Cirris Easy-Wire™ software, this tester provides a good mix of function and flexibility.

Product Features

- **Built in PC** – Integrated Windows 10 PC and 10.4” full-color, capacitive touch-screen display.
- **Windows Networking** – Share test programs, printers, and files through connecting to a windows network.
- **Self-contained** – Independent system able to move around the production floor to different test stations.
- **Powerful Reporting** – Test reports can be customized for organization and understanding.
- **Quick Test Setup and Creation** – Cirris Adapter System provides inexpensive, interchangeable fixturing,
- **Capable of Complex Testing** – High voltage, components testing, and more.
- **Expandable for Large Assemblies** – Up to 1024 test points (128 points per box).

For more information visit [www.cirris.com/easytouchpro](http://www.cirris.com/easytouchpro) or call 1-800-441-9910.
Easy-Touch Pro Specifications

Test Points
128 points; expandable to 1,024 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: 0.001 Ω to 10 Ω ± 2% ± 0.001 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

High Voltage Test
- Insulation Resistance Test
  Voltage: 50 to 1500 VDC ± 5% ± 5 V (2000 VDC optional)
  Resistance: 5 MΩ to 1000 MΩ ± 10%

- Dielectric Withstand Test
  Voltage: 50 to 1500 VDC ± 5% ± 5 V (2000 VDC optional, 50 to 1000 VAC optional)
  Current Limit: 0.1 mA to 1.5 mA
- Max Capacitance Per Net: 150 nF @ 300 VDC; 90 nF @ 500 VDC; 45 nF @ 1000 VDC; 30 nF @ 1500 VDC; 9.5 nF @ 1000 VAC
- HV Energy Limit: 35 mJ
- HV Charge Limit: 45μC

Max Points Per Net
512

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
Built-in PC with Windows 10®
Display: 10.4” Full-Color Graphical Touch Screen display

Power
115 / 230 V 50/60 Hz

Size
Main unit: 17.5”w x 9”h x 5”d (44.5 cm x 23 cm x 13 cm)
Add-on box: 6.5”w x 9”h x 5”d (16.5 cm x 23 cm x 13 cm)

Weight
Main unit: 18 lbs (8.2 kg)
Add-on box: 6.5 lbs (2.9 kg)

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