ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Cirris Systems Signature 1100H+* at our website: ***Click HERE***

Signature® 1100H+



Hipot Cable/Harness Testing Made Easy

The Signature 1100H+ cable and harness tester, with its large, easy-to-read display and user-friendly interface, carries on the tradition of Cirris' Signature 1000H and 1000H+ as the most popular high-voltage benchtop wiring analyzer in the industry.

Complete Testing/Assured Quality: Because it automatically performs a low-voltage connection resistance test and a high-voltage (hipot) I.R./dielectric breakdown test the 1100H+ assures better quality in your cable assemblies and wiring harnesses. It not only finds cables that are bad now, but can also detect latent manufacturing defects that can cause cables to go bad in the future.

Quick, Easy to Use: With its large, easy-to-read 4 line x 20 character display and an easy-to-follow, menu-driven user interface the 1100H+ is simple to set up and use. Test programs are generated by self-learning from a sample assembly and can be stored in the tester's non-volatile memory for later use. Test parameters such as resistance thresholds and hipot voltages are easily set for each different program. Different test modes are available to best suit your testing to the type of assembly you have.

Powerful yet Affordable: The 1100H+ provides the same level of testing found on much more expensive cable and harness test equipment. In addition to continuity checks for opens, shorts, and miswires it can evaluate the quality of your wiring connections as low as .1Ω (.001Ω in 4-wire mode), verify insulation resistance up to 1000MΩ, verify proper pairing in twisted-pair cabling, and even test assemblies with passive components such as resistors, diodes, and capacitors. If you have only one cable/ harness tester in your plant, it should be the Signature 1100H+.

Buy with Confidence: Since 1984 Cirris has been providing the best in cable and harness test. You can buy with confidence knowing we will be here for you before, during, and after the sale. All Cirris testers are backed by a full one-year warranty, 30-day right-of-return guarantee, and overnight loaner program.

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

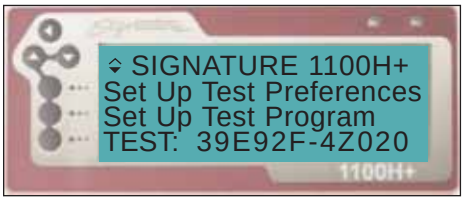
CIRRIS®

Cable/Harness Testing Made Easy™

Signature® SERIES

Signature® 1100H+

Large Easy-to-Read Display: The 1100H+ has a 4 line x 20 character LCD which makes it easy to use for setting up test programs and viewing results.



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

Fast Testing: By combining fast, solid-state, low-voltage continuity scanning with our high-speed hipot algorithm, the 1100H+ is ideal for high-volume testing requirements.

Complete Testing: The 1100H+ tests your cables for opens, shorts, and miswires. It verifies the quality of solder and crimp terminations by checking for high-resistance connections, and performs a hipot test for insulation resistance and dielectric failures. Additionally, it can test assemblies with components such as resistors, diodes, capacitors, and twisted pairs.

4-Wire "Kelvin" Testing: Null out fixturing resistance and test resistance down to .001Ω with the 1100H+ in 4-wire test mode (requires 2 tester points per 4-wire point). Four-wire test must be imported from CTLynx for Windows.

Which End Error Detection: Provides valuable troubleshooting and re-work information by determining which end of the cable has a problem.

Expandable: From 128 to 1024 points with add-on boxes (128 pts/box).



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

Specifications

CAPACITY:
128 to 1024 points in 128 point increments

TEST LEVELS:
Low Voltage Test: ≤5 volts 6mA max current
Insulation Resistance & Dielectric (Hipot) Test:
1000: OFF, 50-1000VDC ± 5% (optional 50-700 VAC ± 5%)
1500: OFF, 50-1500VDC ± 5% (optional 50-1000 VAC ± 5%)

SENSITIVITY:
Connection Resistance:
.1Ω to 100KΩ ± 1% ± .1Ω also: 500KΩ, 1MΩ, 5MΩ ± 10%

4-wire Resistance:
.001 to10Ω ± 2% ± .001Ω

High Voltage Insulation Resistance:
5MΩ, 10MΩ, 20MΩ, 50MΩ, 100MΩ, 200MΩ, 500MΩ, 1000MΩ ± 10%

COMPONENT TESTS:
Diodes: Silicon, zeners with negative bias breakdown >4V
Resistors: .1Ω to 100KΩ ± 1% (10% tolerance)
Capacitors: 5nF to 100µF ± 10% ± .02nF (10% tolerance)
Twisted Pairs: Verify proper pairing in twisted pair cables

TEST RATE: Connection Test: 128 points/.25 second (typical)
Hipot Test: 10ms to 120 sec duration per net
High speed hipot: user selectable on/off

MAX. CAPACITANCE PER NET FOR HIPOT TEST: 0.2µF @ 300VDC, 80nF @ 500VDC, 20nF @ 1000VDC, 20nF@ 1500VDC and 2.5nF @ 1000VAC.

MAX TEST POINTS PER NET: 100

HV ENERGY LIMIT: 35 mJoules

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: 14.25" x 6.75" x 5.25" (36 cm x 17 cm x 13.5 cm)
Add-on Box: 6.25" x 6.75" x 5.25" (16 cm x 13.5 cm x 13.5 cm)

WEIGHT: Main Unit: 9.7 lbs (4.4 kg)
Add-on Box: 6.3 lbs. (2.8 kg)

DISPLAY: 4 line x 20 character LCD

WARRANTY: 1 year parts and labor

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

CIRRIS

Cable/Harness Testing Made Easy™

Cirris and Signature are registered trademarks of Cirris Systems Corp. Copyright 2002, Cirris Systems Corp.

Cirris Systems Corp. • 1991 Parkway Blvd. Salt Lake City, Utah 84119 • Phone 801-973-4600 • Fax 801-973-4609

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP