specification

Features

- First-of-its-kind innovative performance test suite that measures & rates the response times of key network resources such as web, file, e-mail, print DNS and DHCP servers

- Verifies performance of vital network services as well as full Category 6 cable certification

- Complete network testing that quickly isolates protocol, configuration, performance and cabling problems

- Network discovery lets users survey the network and generate a complete list of workstations, switches, routers, servers and other network devices

- Remote control through a web browser allows operation from location on the network

- Detailed network test reports via the web interface and the included ScopeData Pro software produces graphical cable test reports

- Easy to use color touch screen interface minimizes training requirements

Performance evaluations to automate and simplify network service testing and pre-qualification - Users can measure how long it takes to download a file or Web page from a specific server on the network using the FrameScope™ 350 Autotest, eliminating the expense and complexity of performance baselining. Useful for both network troubleshooting and pre-qualification, it is the only handheld analyzer that can automatically measure and report the performance of common network services using objective performance metrics.

Pinpoint errors and misconfigurations to quickly diagnose and troubleshoot network problems - Users can identify 10/100 Mbps Ethernet utilization, broadcasts, collisions and errors - or quickly pinpoint incorrectly assigned subnet masks, misconfigured servers, and duplicate IP addresses. The FrameScope™ 350 rapidly discovers and displays all devices in a switched network, giving support staff instant visibility into the IP and IPX devices on different subnets, along with their MAC addresses, Network addresses, and names.

Perform Category 6 and Fiber Optic Cable testing to certify physical cabling infrastructure - Installation technicians can fully test and certify to TIA and international cabling and networking standards. The FrameScope™ 350 measures length, and noise level, and - with a DualRemote 350 connected to the opposite end of the cable - performs complete cable certification testing including Category 6 / Class E. Competitive products have limited cabling testing functionality and are unable to perform certification.

Remote control for remote office support or historical data collection - Network managers and senior technicians can assist on-site personnel directly from the central office using the FrameScope™ 350's web-based remote control capability. In addition, the FrameScope can be placed strategically within the network and controlled remotely to gather statistics over time or perform troubleshooting functions. Test results can be saved to produce professional-quality graphical reports, which can be printed or viewed online.

Easy network installation and management - The FrameScope™ 350 features an easy-to-use color touch screen and a powerful network discovery capability that allows network installation and maintenance technicians to easily survey the network and generate a complete list of workstations, switches, routers, servers and other network devices.

Specifications

Functionality

10/100 mbps Ethernet interface
Category 6 / Class E cable certification
   (N2610A-100 option required)
Optional probes for Multimode and Singlemode fiber certification
   (N2610A-100 option required)

Supported Protocols

IP, IPX, NetBIOS

Supported Tests

- **Autotest** verifies performance of Email, Web, File, DNS, DHCP, WNS, Novell, Print, FTP, Primary DC, Secondary DC Servers as well as Switches and Routers.
- **Ping, Trace Route, and SNMP Queries** verify connectivity to user defined devices
- **Statistics** give a snapshot of network condition
- **Traffic Generator** enables network testing under heavily loaded conditions
- **MAC Loopback** measures throughput, loss, delay and variation across an Ethernet network
- **Blink Hub Port** locates live network cable connection
- **Network Database** stores information

Memory

CompactFlash^{TM} memory allows for flexible test record storage. Type I Compact Flash card slot.

Power

Removable/Rechargeable NiMH batteries
Battery life: 5 hours network testing
        or   8 hours cable testing

Dual Remote

Allows the FrameScope™ 350 to perform Level III Category 6 cable certification; Provides all required testing from the far end of the cable.

Interface

2.38" x 6.25" (6 x 16 centimeters) touch-sensitive color LCD display screen

Dimensions

Size: 9" x 4.5" x 2.6" (22.8 x 11.4 x 6.6 centimeters)
Weight: 2.6 lbs. (1.2 kilograms)

Ports

Intelligent Test Port
Serial Port
Universal Serial Bus
Talkset Interface: 3.5 mm stereo jack

Specifications subject to change without notice

Ordering Information

FrameScope^{TM} 350 Product Kit Contents:

(1)   FrameScope™ 350
(2)   32 MB CompactFlash^{TM} memory card
(3)   Category 6 Channel adapter
(4)   Universal power adapter
(5)   Hanging strap
(6)   Serial cable
(7)   Nylon carrying case
(8)   WireScope / FrameScope Utilities CD
(9)   FrameScope™ 350 User Guide
(10) ScopeData™ Pro User Guide

Model	Description
N2610A	FrameScope™ 350 Product Kit

Options

Model	Description
N2610A-100	DualRemote 350 kit
N2604A-101	Category 6 Universal Link Probe
N2604A-100	Category 6 Universal Channel Probe
N2597A-030	2 Way Multimode Fiber SmartProbes™
N2597A-040	2 Way Singlemode Fiber SmartProbes™
N2604A-200	Coax Test Probe
N2605A-135	Removable Battery Pack
N2605A-134	Hard Carry Case
N2605A-137	Talkset Kit
N2605A-093	CFlash Memory Module (32MB)
N2605A-095	CFlash Memory Reader (parallel interface)
N2605A-097	USB Cable (2 meters)
N2595A-094	Auto Lighter DC Power Adapter
N2610A-130	FrameScope 350 Professional Test Kit with Multimode Probes
N2610A-150	FrameScope 350 Professional Test Kit with Multimode and Singlemode Probes

Agilent Technologies

For more information about Agilent Technologies WireScope 350 product, applications, and services please contact:

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