



**TestifierPRO™ cable tester**  
**LanScaperPRO™ network tester**  
**Tonax™ coax tone generator**

# Target Markets

	<b>TestifierPRO cable tester</b>	<b>LanScaperPRO network tester</b>	<b>Tonax coax tone generator</b>
<b>Target End-Users</b>	PNO (private network owners/operators) customers: Cable installer/contractor, LAN technician	PNO customers: Network technician, LAN technician	PNO customers: Cable installer/contractor, LAN technician
	Service providers (telco & CATV) : inside wiring installer	Limited providers (telco & CATV): inside wiring installer	Service providers (telco & CATV): Especially those working in MDU environments

# Tonax™ coax tone generator

TG455 Tonax coax tone generator

KP323 Tonax kit with Resi-Tracer probe

- High power tone generator
- Low power tone generator
- POTS simulator
- Three tone outputs
- Constant output (100%) in all modes for the life of the battery
- Auto-off in any mode

Resi-Tracer™ probe

- Coil mode to pick up Tonax signal
- Works with all standard tone generators



# Tonax™ coax tone generator

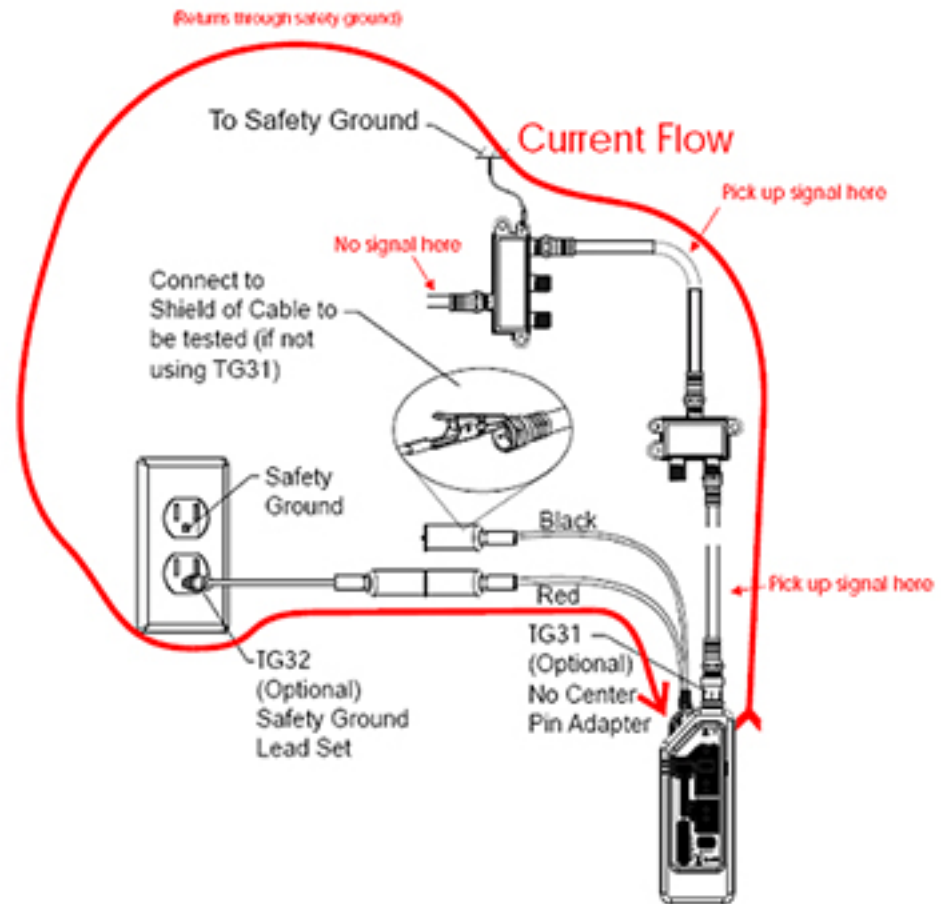
## Tonax coax tone generator

<b><i>Problem/Need</i></b>	<b><i>Feature in Tonax addressing this need</i></b>
Locate a coax cable run beyond a splitter	Tone and trace coax cable through splitters, built-in F connector for easy connection
Trace coax even terminated to equipment	High power mode
Power a dry line for communication	Talk battery and POTS line simulator

# Tonax™ coax tone generator

## Toning Through Splitters

- The Resi-Tracer probe's coil mode traces the current flow of the signal generated by the Tonax
- Use the earth or safety ground for the return current path
- A current path along the shield of a coax creates a large signal to trace and allows tracing through ungrounded splitters



# JDSU Tone generator matrix

	Trace-Rite™	Tone generator	Turbo-Tone™	Latch-Test™	Tri-Porter™	Tonax™	Resi-Toner™
	TT250 Generator	TG100	TG200	TG300	IVT600	TG455	TG400
Sinewave output							•
Speaker POP							•
Tone through Splitter					•	•	
POTS Simulation					•	•	•
Squarewave output		•	•	•	•	•	
Amplitude Control		•	•	•	•	•	•
Auto off		•	•	•	•	•	•
Transmits through walls	1ft	1ft	3ft	1ft	2ft Coax	1ft	1ft
Multiple tones	2	3	3	3	3	3	3
Alligator clips	Adapter	Adapter	•	•	Adapter	•	•
Angled bed-of-nails clips		TG101	TG201				
Continuity Test	•	•	•	•	•	•	•
RJ11 mod jack	•	•	•	•	•	•	•

# JDSU Probe/tracer matrix

	Trace-Rite™	Tone Tracer	Tri-Porter™	Resi-Tracer™
	TT250 Probe	TT100	IVT600 Wand	TT300
2.5mm plug (for headset)		•		
Speaker Phase Test				•
Magnetic Coil Mode			•	•
Off Hook Listen (monitor and listen)			•	•
On Hook Monitor			•	•
Electric field pickup	•	•	•	•
Volume control	•	•	•	•
Changeable tips	•	•	•	•
Works with any analog tone generator	•	•	•	•

## TestifierPRO™ cable tester

TP650 unit alone

TP655 unit + seven remotes

- Phone, network, coax testing
- Single ended testing to opens/shorts/split pairs
- Wiremapping
- Length to opens
- Toning
- Hub blink
  
- Built in remote with RJ45 and RJ11 jacks
- Language independent navigation





# TestifierPRO™ cable tester – problems solved

<b>TestifierPRO cable tester</b>	
<b><i>Problem/Need</i></b>	<b><i>Feature in TestifierPRO addressing this need</i></b>
Identify wiring integrity	Test for shorts, opens, miswires, split pairs, reversals
Test for continuity	Perform continuity test
Perform test without need to connect at far end	Tests for shorts, split pairs & opens from one end of the cable
Wiremapping	Can be used with wiremapping remote ends -- remotes are equipped with RJ11 and RJ45 jacks in single remote
Identify cable runs	Supports cable ID-only remotes (20)
Identify cable run (where does this cable go?)	Sends tone (can be received with analog probe/tracer)
Determine cable length	Measure length to opens
Identify where cable is connected at hub	Perform hub flash
Ease-of-use	Supports telco, coax and network cable without adapters

# Cabling & Network Testers

## LanScaperPRO™ network tester

NT800

NT850 with eight remotes & probe

- Detects and reports active Ethernet devices as well as POTS, ISDN, Token Ring, and other devices at the other end of a link for 10BASE-T or 100BASE-Tx
- Identifies IEEE 802.3af PoE and legacy Cisco In-Line Power (ILP) at the other end of the jack or cable being tested, including presence of raw DC power. Verifies wiring
- installation capability to provide PoE to end device  
Simultaneously pings three addresses at once: target, router, and DNS server. DHCP support allows for pinging of router and DNS server with no setup
- Blinks a link indicator to identify hub or switch port and links to Cisco bridge or router ports using Cisco Discovery Protocol (CDP)
- Tests cabling configuration and verifies connectivity while conducting tests for opens, shorts, miswires, split pairs, and reverses
- Displays length measurement for each pair in feet or meters
- Wiremaps network connections with remote identifiers
- Generates selectable tones on selected pins for use with tone tracers



# LanScaperPRO™ network tester – problems solved

## LanScaperPRO network tester

<b><i>Problem/Need</i></b>	<b><i>Feature in LanScaperPRO addressing this need</i></b>
Basic wiring & cable testing	Includes all functionality of TestifierPRO plus....
Determine connected devices and speed	Performs device detection and network discovery with CDP (Cisco Discovery Protocol) with speed detection
Determine if adequate power present to power PoE devices	Performs PoE test
Test connections and IP addresses	Pings target, router and DNS server
Identify hub, switch or NIC ports	Supports auto MDI/MDI-X protocol for identification

# Cabling & Network Testers comparison matrix

	TestifierPRO™	LanScaper™	LanScaperPRO™	TriPorter™	Validator™	Validator-NT™
	TP650/TP655 kit	NT700/NT750 kit	NT800/NT850 kit	IVT600	NT950	NT955
Ethernet Speed Certification					•	•
Network Discovery			CDP			CDP
Reporting					•	•
BERT					•	•
SKEW					•	•
SNR					•	•
Dialtone simulation				•		
POTS telephone test set				•		
100M			•	•		•
PoE			•			
10M		•	•	•		•
Port Discovery		To 100Mb	To 1Gig	To 1Gig		To 1Gig
Discover adv.cap.		•	•	•		•
Speed detection		•	•	•		•
Ping		•	•	•		•
Hub Flash	•	•	•	•		•

# Cabling & Network Testers comparison matrix, con't.

	Resi-Tester™ Testifier™	LanRoamer PRO™	Testifier PRO™	LanScaper™	LanScaper PRO™	TriPorter™	Validator™	Validator- NT™
	TP300 TP350	TP600 TP607 kit	TP650 TP655 kit	NT700 NT750 kit	NT800 NT850 kit	IVT600	NT950	NT955
Single-ended test (shorts, splits opens)		•	•	•	•	•	•	•
Length (shorts)							•	•
Length (opens)		•	•	•	•	•	•	•
Split pair	•	•	•	•	•	•	•	•
Wiremap – supports eight remots	•	•	•	•	•	•	•	•
Tone generation	•	•	•	•	•	High power	•	•
Cable ID-only remotes	Supports 20 cable ID		Supports 20 cable ID		Supports 20 cable ID	Supports 20 cable ID		
Cable ID	•	•	•	•	•	•	•	•
Network cabling	•	•	•	•	•	•	•	•
Phone cable	•	with adapter	•			•	•	•
Coax	•	with adapter	•	with adapter	with adapter	•	•	•
Continuity	•	•	•	•	•	•	•	•

# JDSU Marketing – Point-of-purchase packaging

- Professional product packaging
- English, French, Spanish
- Application photos
- Ordering information on front and back
- Extension of Know the Network tagline

