

See how our telephone test sets help you verify and troubleshoot telephone services.

Fluke Networks offers the most comprehensive line of telephone test sets to meet the voice and data demands of telecommunications technicians. Our DropSafe™ reliability and RainSafe™ protection ensure maximum ruggedness, even in the most extreme conditions. Our DataSafe™ technology is vital in preventing interruption of existing data traffic, and our DSL/POTS filtering technology goes one step further to allow testing on the POTS side of a line even while data is present. We continually improve our line of butt-in test sets to ensure technicians have the right features to match their application needs – with the most flexible options for every budget. From the feature-rich TS®44DLX Test Set with our patented DSL/POTS filtering technology to the basic TS®19 Test Set that combines basic test set features at an affordable price, our test sets deliver unparalleled quality, value, multi-functionality and ease-of-use.

## Telephone Test Sets

Complete line of analog butt-in telephone test sets provides the view you need to ensure telecommunications services.

## TS®40 Series Test Sets (TS®44DLX and TS®42DLX)

Our flagship TS44DLX and TS42DLX Series Test Sets combine rugged DropSafe™, DataSafe™, waterproof durability with needed testing capabilities. Their true two-way speakerphone capability also makes your work easier.

- Superior high-impedance monitor
- Advanced testing functions for low/high voltage and low (mA) current
- Always-on monitor mode
- Ergonomic DropSafe case
- High fidelity, two-way speakerphone for true hands-free conversations
- TS44DK|LX includes Data Lockout and Lockout Override and DSL/POTS filtering

Built for the demanding professional, the TS40 Series Test Sets (TS44DLX and TS42DLX) combine an ergonomic waterproof design, DropSafe durability and a standard 3-year warranty for unmatched reliability. The TS40 Series Test Sets offer speakerphone capability for true hands-free conversations, a rugged ergonomically designed waterproof case that exceeds American Military Specification MIL-STD-810E and are DropSafe tested to 20 feet (6 meters) onto concrete. Designed with superior high-impedance monitor to protect data lines, the TS40-series offers the best DataSafe protection in its class. Advanced testing functions for low/high voltage and low (mA) current detection are displayed in easy-to-read LEDs. Always-on Monitor Mode simplifies operation and speeds testing; just clip onto the pair and it is monitoring.



advanced testing features  
**waterproof**  
rugged



### Ordering information

44801009	TS44DLX Test Set with ABN	P4080248	TS44/42 replacement belt clip, locking	P4580109	TS44/42 linecord, piercing pin only
44801004	TS44DLX Test Set with 346A plug	P4080249	TS44/42 replacement belt clip, non-locking	P4580USC	TS44/42 linecord, piercing pin only
44801001	TS44DLX Test Set with piercing pin clips	P4480001	TS44/42 linecord, piercing pin only	P3218442	TS22/25D/44/42 linecord, 471A plug with alligator clips
42801009	TS42DLX Test Set with ABN	P4480004	TS44/42 linecord, 346A plug		
42801004	TS42DLX Test Set with 346A plug	P4480009	TS44/42 linecord, ABN/PP		
42801001	TS42DLX Test Set with piercing pin clips	P4480RJ9	TS44/42 linecord, ABN/PP with RJ11		



## TS®25D Test Set

The TS®25D Test Set with caller ID is user friendly with an oversized liquid crystal display (LCD) and intuitive, common sense menus.

- Caller ID and call-waiting caller-ID (on North American phone systems)
- Data lockout and data lockout override
- DSL/POTS filtering technology lets you safely draw dial tone from a pair that is carrying voice and ADSL without downing the ADSL service
- Built-in analog tone generator for tracing and identifying wires with a probe
- DTMF digit grabbing capability
- Talk battery to supply power to non-powered (dry) pairs to carry voice conversation
- Row/column tones for single tone dialing
- High voltage lockout, low voltage lockout
- Continual data detection in monitor mode
- Over voltage and over current protection
- Amplified speaker for hands-free monitoring
- Programmable phonebook stored in non-volatile memory
- Speed dial (10 memories, 23 digits each)
- Selectable flash and pause duration
- Battery level indicator



This feature-rich test set is a necessity for a variety of installs. The TS25D Test Set features data lockout and lockout override, making you completely safe in talk or monitor mode. The DSL/POTS filtering technology allows you to safely draw dial tone without downing DSL. A built-in analog tone generator simplifies wire identification with a probe. An amplified speaker makes monitoring the line hands-free, so you can keep working. The talk battery function provides voltage to carry voice conversation on non-powered pairs. All in a compact unit with an oversized robust liquid crystal display (LCD) that makes the intuitive, common-sense menus easy to read and use.

DSL/POTS filter  
caller ID  
analog tone generator



### Ordering information

25501109	TS25D Test Set with ABN kit (includes pouch and earpiece)	25500300	TS25D battery door with belt clip	P3218234	TS22/TS25D linecord, ABN/PP
25501009	TS25D Test Set with ABN	25500100	Earpiece, TS25D test set	P3218260	TS22/TS25D linecord, ABN no pin
25501004	TS25D Test Set with 346A plug	P3218024	TS22/TS25D linecord, straight clip BN with pin	P3218442	TS22/25D/44/42 linecord, 471A plug with alligator clips
25500400	Pouch only, TS25D	P3218028	TS22/TS25D linecord, angled piercing pin only		

## TS®22 Series Test Sets (TS®22 and TS®22A)

These full-featured, basic test sets for POTS testing work in many systems, conditions, and environments, thanks to their DropSafe™ ruggedness and RainSafe™ water protection.

- Tone (DTMF) and pulse operation
- Last number redial
- DTMF signal levels compensated for loop length
- DropSafe™ protection up to 20 feet
- Audible electronic ringer
- Locking mute switch
- 3-year redial storage time
- Over voltage and over current protection
- PBX pause button
- Field replaceable belt clip
- Continuous polarity LED indications
- For use with computerized voice response systems
- Stores nine 18-digit numbers in repertory dialer (speed dialing)
- RainSafe™ water protection for use in extreme weather conditions
- TS22A includes all the above, plus a high-impedance monitor for DataSafe™ operation and two-way speakerphone



The TS®22 Test Set's unique built-in one-way amplified speaker provides three audio levels for hands-free listening and use with automated voice response systems. Multiple memories enable storage of nine 18-digit telephone numbers in repertory dialer (speed dialing) for easy access to test boards, the CO and other frequently called numbers. The last number redial feature eliminates the need to re-key your last entry. The TS22 unit offers an unbeatable combination of reliability, durability and expanded utility.

The TS®22A Test Set is equipped with all the features of the TS22 Test Set with the addition of a built-in two-way speakerphone. The two-way speakerphone enables the user to operate hands free. The TS22A unit offers three audio levels for communication with computerized voice-response systems and CO maintenance administrators. The effect of ambient noise can be eliminated with the mute switch, allowing the technician to monitor a line uninterrupted while in talk mode. A standard among field professionals, the TS22A model is a reliable and durable test set that is ready for any job.



### Ordering information

22801009	TS22A Test Set with ABN	22800007	TS22 Test Set with ground start cord	P3218028	TS22/TS25D linecord, angled piercing pin only
22801007	TS22A Test Set with ground start cord	22800004	TS22 Test Set with 346A plug	P3218234	TS22/TS25D linecord, ABN/PP
22801004	TS22A Test Set with 346A plug	22800001	TS22 Test Set with piercing pin clips	P3218260	TS22/TS25D linecord, ABN no pin
22801001	TS22A Test Set with piercing pin clips	P3218024	TS22/TS25D linecord, straight clip BN with pin	P3218442	TS22/25D/44/42 linecord, 471A plug with alligator clips
22800009	TS22 Test Set with ABN	P3218025	TS22 linecord, ground start cord		

polarity LEDs  
**DropSafe™**  
ruggedness

## TS®30 Test Set

The durable TS®30 Test Set provides superior rugged quality at an affordable price. In addition to its DropSafe™ reliability and RainSafe™ protection, the TS30 offers DataSafe™ data protection in monitor mode.

- High-impedance monitor mode
- Tone and pulse operation
- Last number redial in tone and pulse modes
- RainSafe™ test set for use in extreme weather conditions
- Hook flash button
- Fully functional with either line polarity
- Audible electronic ringer for call backs
- High current and over voltage protection
- High-impact polycarbonate case
- Field replaceable spring-loaded belt clip
- Hearing aid compatible receiver
- Transmitter mute switch
- Talk and monitor modes
- Ergonomic design
- Lightweight unit is easily transported



Recognized as the industry standard for basic test sets, the TS30 Test Set provides superior quality at an affordable price. With its high-impedance monitor for DataSafe™ operation, technicians can clip onto a line in monitor mode without disrupting existing traffic. Fluke Networks' unsurpassed RainSafe™ protection standards and DropSafe™ durability assure the test set will keep working even in the toughest environments. Solid weatherproofing provides enhanced resistance to severe weather conditions.

DropSafe™  
affordable  
weatherproof



### Ordering information

**30800009** TS30 Test Set with ABN

**30800001** TS30 Test Set with piercing pin clips

**12001005** TS120 (for outside North America only) test set with alligator clips only (67/33 break/make ratio)

**P3080001** TS30/TS120 linecord, piercing pin only

**P3080009** TS30/TS120 linecord, ABN with piercing pin

## TS®19 Test Set

Specifically designed for in-house telecom technicians, the TS®19 Test Set combines all the basic test set features at a value price – plus it provides DataSafe™ protection to prevent accidental disruption of data service in monitor mode.

- High-impedance DataSafe™ operation in monitor mode
- Tone (DTMF) and pulse operation
- Last number redial
- Polarity indication in talk mode

The Fluke Networks TS19 Test Set combines all the essential test set features at a value price. This test set was specifically designed for in-house telecom technicians. Its high-impedance monitor prevents accidental disruption of service from clipping onto a data line while in monitor mode, thus ensuring the integrity of critical data lines. Features such as tone (DTMF) or pulse operation, talk/monitor capabilities, polarity test button and last number redial make this test set the perfect combination of features and price.



starter test set  
indoor use  
affordable



### Ordering information

**1980009** TS19 Test Set with ABN

**1980003** TS19 Test Set with banana jacks to alligator clips

**P1980001** TS19 linecord, RJ11 to piercing pin













**P1980003** TS19 linecord, RJ11 to banana jack

**P1980007** TS19 linecord, RJ11 to ground start

**P1980009** TS19 linecord, RJ11 to ABN



## Installation Tools

	<p><b>Pro-Tool™ Kits</b></p> <p>All the essential tools you need to cut, strip, clean and connect network phone and data lines to blocks and jacks. See which Pro-Tool Kit is right for you: IS60, IS50, IS40, IS25 or IS15.</p>		<p><b>Need-L-Lock™ Pliers</b></p> <p>Patented four-in-one tool combines a UR/UY/UG crimper, needle nose pliers, wire stripper and cutter.</p>
	<p><b>JackRapid™ Punchdown Tool</b></p> <p>JackRapid allows you to terminate jacks eight times faster than traditional impact tools – with accuracy that's unmatched.</p>		<p><b>Cable Strippers</b></p> <p>We offer a full line of strippers for UTP, coax or fiber.</p>
	<p><b>Impact Tools</b></p> <p>Fluke Networks impact tools provide quality terminations on the first punch. Accepts all industry standard blades. See which impact tool is right for you: D914S™, D914™ or D814® impact tools.</p>		<p><b>Modular Crimper</b></p> <p>Crimp and terminate RJ45, RJ11 and RJ12 connectors.</p>
	<p><b>EverSharp™ Blades</b></p> <p>Through special processing of the metal, these high performance blades provide better termination at the block, leading to quality installs.</p>		<p><b>Toner and Probes</b></p> <p>Analog and digital toners and probes for tracing wire and cable.</p>
	<p><b>D-Impactor™</b></p> <p>This rugged tool simultaneously cuts and terminates five copper pairs on a 100 block.</p>		<p><b>Basic Cable Testers</b></p> <p>Our line of basic cable testers measure cable length, find shorts and faults, generate tone, and verify wiremap.</p>
	<p><b>Snips and Cutters</b></p> <p>Our snips and cutters have all the features to deliver quality clean cuts each time. Choose our Electrician's D-Snips™ with long-tailed handle for better cutting leverage.</p>		<p><b>Modular Adapters</b></p> <p>Choose between in-line or standard modular adapters for a quick connection to modular telephone jacks. Optional K-plug™ ends available.</p>

To learn more about Fluke Networks' complete line of installation tools and test sets, go to [www.flukenetworks.com](http://www.flukenetworks.com)

# Telephone Test Set Comparison Chart



	TS®44DLX	TS®42DLX	TS®22A	TS®22	TS®25D	TS®30 / TS®120*	TS®19
Extended range high-impedance DataSafe™ operation in monitor mode	•	•			•		
High-impedance DataSafe™ operation in monitor mode	•	•	•		•	•	•
Data lockout protection	•				•		
Data lockout override	•				•		
DSL/POTS filtering technology	•	•			•		
Low/high voltage indication	•	•			•		
Low current (mA) indication	•	•			•		
Over voltage protection	•	•	•	•	•	•	
Over current protection	•	•	•	•	•	•	
Two-way speakerphone for true hands-free conversations	•	•	•				
One-way amplified speaker for hands-free monitoring	•	•	•	•	•		
Audible ringer for callbacks	•	•	•	•	•	•	•
Waterproof – exceeds American Military Spec. MIL-STD-810E	•	•					
RainSafe™ – safe in severe weather conditions	•	•	•	•		•	
DropSafe™ – passes 20 foot (6 meter) drop test onto concrete	•	•	•	•		•	
Meets Bellcore specifications	•	•	•	•		•	
Tone and pulse operation	•	•	•	•	•	•	•
Polarity indication in talk mode	•	•	•	•	•	•	•
PBX pause button	•	•	•	•	•		
Stores nine 18-digit numbers in repertory dialer (speed dialing)	•	•	•	•	•		
Replaceable 9V battery for powering speaker	•	•	•	•	•		

\* TS120 for outside North America only. 67/33 break/make ratio.

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**NETWORK SUPERVISION**

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