

# TS® 25D Test Sets



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## Product Highlights

The TS25D telephone tester features data lockout and lockout override, and a large LCD.

- Caller-ID and Call Waiting Caller-ID
- Amplified speakers for hands-free monitoring
- Data lockout and data lockout override
- Tone generator for wire identification
- Talk battery to power voice conversation on dry (non-powered) lines
- Easy to read oversized liquid crystal display

## Overview

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.

TS® Professional Series – [Products Comparison](#)

# Features

## [Features data lockout, lockout override and a large LCD](#)

The TS®25D Test Set top features include:

- Caller ID and call-waiting caller-ID (on N. 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
- Battery included

# Models & Accessories

## Models

### [25501004](#)

TS25D test set with 346A plug

### [25501009](#)

TS25D test set with ABN

### [25501109](#)

TS25D test set with ABN kit (includes pouch and earpiece)

## Accessories

### [25500100](#)

Earpiece, TS25D test set

### [25500300](#)

TS25D battery door with belt clip

### [25500400](#)

Pouch only, TS25D

# Specifications

## [Electrical](#)

Electrical

Return Loss

>14 dB (ref 600  $\Omega$ )

## [DC Resistance](#)

DC Resistance

Off-Hook

150  $\Omega$  nominal

On-Hook

>1 M $\Omega$

## [AC Impedance](#)

AC Impedance

Off-Hook

600  $\Omega$  nominal; 300 Hz to 3400 Hz

On-Hook

>120 k $\Omega$ ; 300 Hz to 3400 Hz

## [Rotary Dial Output](#)

Rotary Dial Output

Pulsing Rate

10 pps  $\pm$ 1 pps

Break/Make Ratio

60/40

Interdigit Interval

>300 ms

Resistance During Break

>100 kΩ

### **DTMF Output**

DTMF Output

Tone Frequency Error

±1.5 % maximum

Tone Level

-1 dBm combined (typical)

High versus Low Tone difference

2 dB ± 2 dB

### **Memory Dialing**

Memory Dialing

Memory Capacity

10 speed dial memories plus one last number redial memory

Digit Capacity

23 digits per memory

Pause Duration

User programmable Default: 4 seconds

Hook Flash Duration

User programmable Default: 600 ms

Automatic Speaker Shut Off Duration

User programmable TS25D default: 5 minutes TS25D CO default: 2 minutes

Battery

9 V alkaline or lithium battery

### **Physical**

Physical

Measurement

7.8 in x 2.7 in x 1.6 in (20 cm x 6.8 cm x 4 cm)

Weight

10 ounces (284 g)

### **Environmental**

Environmental

Temperature Range Operating

32°F to 122 °F (0 °C to 50 °C)

Storage

-40 °F to 150 °F (-40 °C to 65 °C)

Altitude

Up to 10,000 ft (3,000 m)

Relative Humidity

5 % to 95 %

**Notes Specifications subject to change without notice. This product has been safety certified for indoor use only.**

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