



## TS<sup>®</sup>30 Series Test Sets

The TS30 features the latest in test set case design, at an affordable price.

- High impedance DataSafe™ operation in monitor mode
- DropSafe™ reliability passes 20-foot drop test
- RainSafe™ protection in severe weather conditions
- Mute switch
- Last number redial
- Audible ringer for callbacks

### Overview

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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.

## Features

### » Rugged butt-in telephone test set at an affordable price

The TS<sup>®</sup>30 Test Set top features include:

- High impedance monitor mode
- Automatic regulation of speech levels
- Tone and pulse operation
- Last number redial in tone and pulse modes
- RainSafe™ weather protection 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

## Models & Accessories

### Models

Model Number/Name	Description
30800001	TS30 test set with piercing pin clips
30800009	TS30 test set with ABN
12001005	TS120 test set with alligator clips (outside of N. America only)

## Specifications

Electrical	
Return Loss	>14 dB (ref 600 $\Omega$ )
Line Current Range	15 mA to 120 mA
Resistance to Continuous Current (Talk Mode)	275 $\Omega$ typical at 20 mA
Monitor Mode Impedance	>120,000 $\Omega$ 300 Hz to 3400 Hz
Pulse Dial Output	
Pulsing Rate	10 pps pps
Open/Close Ratio	60/40
Inter-digit Interval	800 ms %, -10%
Resistance During Pulse Open	> 200,000 $\Omega$
Protection Against Alternating Current Overvoltage	The TS30 survives up to 250 Vrms across its test leads.
Peak Acoustic Output of the Receiver	<120 dBspl
DTMF Output Tone Frequencies Tone Frequency Error	per ITU-T Q.23 $\pm$ 1.5% Maximum
Tone Level	