

# TS® 30 Series Test Sets



PreviousNext



## Product Highlights

The TS30 features the latest in telephone 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

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.

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

## Models & Accessories

### Models

#### [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](#)

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**

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**

Tone Level

High Group Low Group

-4 dBm (into 600  $\Omega$ ) -6 dBm (into 600  $\Omega$ )

High vs Low Tone Difference

2dB +1db

### **Last Number Redial (Tone/Pulse)**

Last Number Redial (Tone/Pulse)

Memory Capacity Memory Retention

23 digits 8-minutes nominal

Flash Duration

600 ms  $\pm$ 100 ms

Ringer Loudness

> 70 dBA at 1 meter

Ringer Equivalent (REN)

0.14

Measurements

10 in x 2.83 in x 3.34 in (25.5 cm x 7.2 cm x 8.5 cm)

Weight

16.8 ounces (0.476 kg)

### [Environmental](#)

Environmental

Temperature Operating Storage

-4 °F to +140 °F (-20°C to +60°C)

-40 °F to +151 °F (-40°C to +66°C)

Relative Humidity

5% to 95%

### [Safety](#)

Safety

Telecom Electrical

TNV-3

Safety Classification

IP54

### [Regulatory Standards Used](#)

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### [Certifications and Compliance](#)

Certifications and Compliance

**Notes: Specifications subject to change without notice. Legal requirements may exist regarding permission to connect equipment to a Telecom network operated by a public network operator.**

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