

## Intelligent Telephone Analyzer (HTS-2002)



### SPECIFICATION

- Tone / Pulse Switch able Test**

It switches automatically to both tone and pulse dialing

- Responsive LCD Display**

It has 16 character LCD display

- Digit Test**

It test random dial number and sequence upto 32 digits including \*,#,A,B,C and D keys.

- DTMF Measurements**

**Frequency**

Accept Range - Standard Frequency +/- 1.8%

**Level**

Range - 0 to -19.9 db

**Twist**

- It test the level difference between low and high group  
- If high level is less than low level than displays plus else minus.

- Decadic Measurements**

Dial Speed - 3.0 to 20.0 IPS

Display - 3 Character

% Break Range - 10% to 90%

Display - 3 character

IDP Range - 164 ms to 999 ms

Flash Measurement Range - 500 to 900 ms

Bell Capacitance Range - 0.0 to 9.9 ms

Feed Voltage - 48 V +/- 5% (Internal)  
- External feed voltage can also be connected

Input Independence - 600 ohm (Level Measurements)

Loop Indication - On meter

Ring Test Voltage - 75 V +/- 10%, 50 Hz.

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Interruption Interval of Ring - 0.2 sec. ON, 0.2 Sec.OFF

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Line simulation - External

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Power requirements - AC 230 V+/- 10% 50 Hz 5 W

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Dimensions - 35 (L) x 25 (B) x 20 (H)

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Weight - 5 Kg. (Approx.)

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Ring Test Voltage - 75 V +/- 10%, 50 Hz.

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Loop Indication - On meter

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Ring Test Voltage - 75 V +/- 10%, 50 Hz.

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## FEATURES

- It Measures & displays following Parameters of Pulse Type Telephones
  - (a) Dial Speed in IPS
  - (b) % Break
  - (c) Digit Count
  - (d) IDP in ms.
- Measures all Parameters of DTMF (Tone) Telephone Like frequency, Level and Twist alongwith Pass / Fail function.
- Tests & display upto 32 digits dialed from both tone or pulse telephone including \* & # Kyes.
- Tests Redial function and verifies memory capacity of the telephone set.
- Test following parameters in all types of telephones
  - (a) Bell Capacitor
  - (b) 'Flash' Duration
  - (c) Transmitter
  - (d) Receiver.
- Test telephone ringing by applying interrupting ringing.
- It simulating telephone Exchange working and tests hook-switch functioning by tripping ring on off-hook condition.
- It tests all telephones in both normal & reverse direction of connection.
- It has facility of testing telephones under short lines or long lines conditions.