

Mobile Radio Measurements

Mobile Installation Tester CIT

Fast check for correct installation and reliable troubleshooting solve any installation problem with car telephones

Photo 40765

Brief description

Mobile Installation Tester CIT is a SWR and power meter combined with a multimeter specially designed for pulsed current and power bursts. All measurement functions and features are designed for the everyday maintenance environment.

Versatile

CIT covers a variety of mobile radio applications:

- GSM, D-AMPS
- C Net, NMT, TACS, AMPS, R2000
- Trunked radio
- Private mobile radio (taxi, public transport, police and emergency services)

RF tests

- Antenna test by SWR measurement
- Measurement supported by MIN/MAX HOLD functions

Specifications in brief

Frequency range	100 to 1000 MHz
Power measurement Range	13 to 43 dBm (20 mW to 20 W)
Readout	dBm, W or power stage
Resolution	0.1 dB (20 to 47 dBm) 0.3 dB (13 to 20 dBm)
SWR measurement Range	1.0 to 10
Resolution	0.1
DC current measurement range	0 to 10 A (resolution 10 mA)
DC voltage measurement range	0 to 30 V (resolution 10 mV)
Continuity tester	HI/LOW and beeper, threshold 2 Ω
RF connector	N female

- Transmit power measurements, for instance in power stages dependent on the network selected

AC/DC tests

- Voltage and current measurements on car cabling with mobile phone active or passive: battery power, ignition off/on
- Voltage of ignition sense line
- Continuity test (simplifies fault location)
- Microphone test of hands-free facility via car cabling

Everything is right with the CIT: price, performance, operation and ruggedness. This mobile installation tester will be a real benefit even for small garages.

Construction

The rugged unit is dust-tight and splash-proof. The rubber encasement is shock-absorbing. The CIT is protected against static discharge and tested to the latest CE European standard.



Operation

The CIT is designed to be used by car mechanics, who will be able to handle this compact tester in practically no time. Connection and operation are foolproof. Tests are carried out at the press of a button. The results are easy to read on the combined analog and digital display.

Power supply	4 round cells or rechargeable batteries (AA)
DC/AF connector	banana jacks, sub-D connector for DC/AF Adapter CIT-Z...

Ordering information

Mobile Installation Tester	CIT	1060.5005.52
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