

## APPLICATIONS:

The Sidekick 7B is the test set used by every major telephone company in the United States to troubleshoot twisted pair applications. This lightweight, hand-held meter quickly and accurately uncovers intermittent troubles that other test sets cannot detect. Since the introduction of the patented Stress Test and Leakage Test in 1991, the Sidekick has become the benchmark in communications testing technology. Technicians now have the versatility to identify faults in locations ranging from outside plant cable to inside wiring, and from closures to connecting blocks, without sacrificing standard features, e.g., AC/DC, VOM, Kick Meter, they have come to rely on. The versatile Sidekick 7B is used throughout the telephony industry, including LAN/WAN, Private Networks, and BICSI applications.

The STRESS TEST reads the audible noise produced on a faulted pair that is stressed by a 90 dBmC longitudinal excitation. The Stress Test determines the capacitive and series resistance balance characteristics of twisted pair at any point along the pair. It is capable of identifying DC resistive or capacitive imbalances undetected by other subscriber loop tests. The Stress Test is also highly effective in identifying imbalances produced by series resistance opens (high joints).

The LEAKAGE TEST detects intermittent resistance faults that do not appear under normal VOM tests. When a faulted pair is taken out of service, galvanic action forms an insulating oxide layer over the faults. When returned to service, such pairs develop "noisy static" in a relatively short period of time. The Leakage Test uses 135 Volts to "punch through" the oxide layer and reveal the fault.

## FEATURES:

- Determines the stressed noise susceptibility of dry and working pairs.
- Measures resistance, AC/DC volts, and capacitive kick.
- Provides tone for twisted pair or crossed conductor identification.
- Single setup for testing Tip-Ring, Tip-Ground, and Ring-Ground.
- Minimal drying effect in all ranges.
- Field replaceable leads.
- Softcase with adjustable strand hook.
- Low Battery indicator light.



Part Numbers: 1134-5020

## BENEFITS:

- Improves customer satisfaction.
- Reduces repeat service calls.
- Eliminates service interruptions.
- Works on any twisted pair application.
- Increases technician productivity.
- Provides quick return on investment.

## SPECIFICATIONS:

- Dimensions 10.75" x 4.25" x 2.5"
- Weight 2 lbs.
- Resistance Rx1: Reads 0 to 2000  $\Omega$   
Rx1K: Reads 0 to 2 M $\Omega$
- Leakage Rx10K: Reads 0 to 20 M $\Omega$
- DC Voltage 0 to 100 volts DC
- AC Voltage 0 to 200 Vrms
- Stress Test 0 to 82 dBmC
- Operating Temp. -20°C to +60°C
- Power Four AA batteries