

## Sidekick<sup>®</sup> Plus

### Advanced Cable Maintenance Test Set

Sophisticated cable  
diagnosis and  
troubleshooting  
in a single  
test set



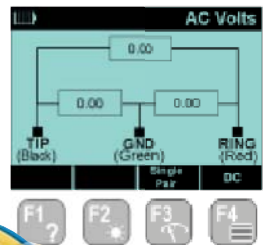
ANALOGUE  
DISPLAY ▶



DIGITAL  
DISPLAY ▶



3-LEAD  
DISPLAY ▶



## Reduce repeat calls...

The Sidekick<sup>®</sup> Plus Advanced Cable Maintenance Test Set is a multifunction test tool that will improve any technicians testing and trouble shooting capabilities on twisted pair cable. Building on the trusted Sidekick design and patented technology, this lightweight, hand-held meter quickly and accurately uncovers intermittent troubles that other test sets can't detect and is easy to learn, especially for Sidekick family users. It uses digital technology to combine VOM and loop current tests, longitudinal balance (Stress Test), transmission and noise, open locator, load coil detection, RFL and a powerful TDR into one easy-to-use test set. Test functions can be selected and used individually, or run automatically by using the innovative Auto-test. With the Sidekick<sup>®</sup> Plus you can count on quick testing, fast repairs and test data capture for sharing and record retention.



## Features

- Measurement of voltage, current and resistance on copper Cables
- Patented stress balance test
- Impulse Noise monitoring option
- Resistance fault locator (RFL) and calculator
- Powerful Time Domain Reflectometer (TDR)
- Voice Frequency Spectrum Analyser
- Measurement of distance to opens with capacitance meter
- Ground Resistance Test
- Line quality tests for noise, loss and power influence

- Simplex or Metallic tone generator
- Caller ID display
- Multiple language options
- Quality twisted & replaceable shrouded test leads
- Dual voltage screen
- Built-in loudspeaker dialing with phone book memory
- Auto-test mode (selectable tests) with Pass/Fail
- USB download of test results and upload of software
- Analogue, digital or 3 lead display (see below)
- Rechargeable (included) or replaceable batteries
- Metric & Imperial units with International power supply



## Specifications

AC Volts	0 - 250 Vrms
DC Volts	0 - 300 V
Stress Balance	0 - 82 dBnC
Resistance: (Conductor)	100 M_ max
(Insulation / Leakage)	100 M_ max
(Ground / Earth Resistance)	250 _ max
Open Meter	0 to 18.5 km
Count Load Coils	0 to 4 coils
Loop Current	0 to 100 mA
Circuit Loss	+ 3dBm to - 70 dBm
Circuit Noise	0 to 90 dBnC

Power Influence	40 to 100 dBnC
Tracing Tone Generator (metallic and common mode)	500 to 3500 Hz
Reference Tone: Level	+ 3 to - 20 dBm
Frequency Range	200 Hz - 20 kHz
VF Spectrum Analyser	0 to 4000Hz
Impulse Noise option:	ANSI/IEEE 743
Filters: C 700 Hz - 3kHz	
E 1 kHz - 50 kHz	
F 5 kHz - 245 kHz	
G 20 kHz - 1100 kHz	
V up to 30 MHz	

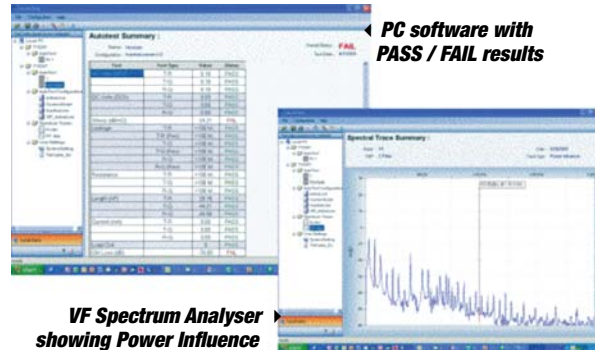
Custom Auto test with Pass/Fail	400 autotest results
TDR Range:	10 km
RFL:	Faults Distance
	20 M $\Omega$ , 2 M $\Omega$

## Order Information

**R** = REPLACEMENT PART    **A** = ACCESSORY

CAT NO.	UPC NO.	DESCRIPTION	QTY.
1155-5003	85879	Sidekick Plus Test Set CE	1
1155-5004	85880	Sidekick Plus Test Set-Impulse Noise CE	1
1155-5001	10504	Sidekick Plus Test Set	1
1155-0610-N	10544	<b>R</b> Main Carry Case	1
0085-1126	10545	<b>A</b> Accessory Pouch	1
1155-0522	10579	<b>A</b> Chargeable Battery Pack	1
1155-0521	10577	<b>A</b> AA Battery Carrier	1
1155-0526	10582	<b>A</b> 12 VDC Charger	1
0097-1006NEW	12960	<b>R</b> Media CD	1
0070-1204	10584	<b>R</b> USB Comm Cable	1

**DISTRIBUTED BY:**



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