

will'tek

Willtek 4100 Phone Checker Package



All you need to check out
returned mobiles

Reduce sales support costs and identify
faulty phones

Improve customer service with fast
response

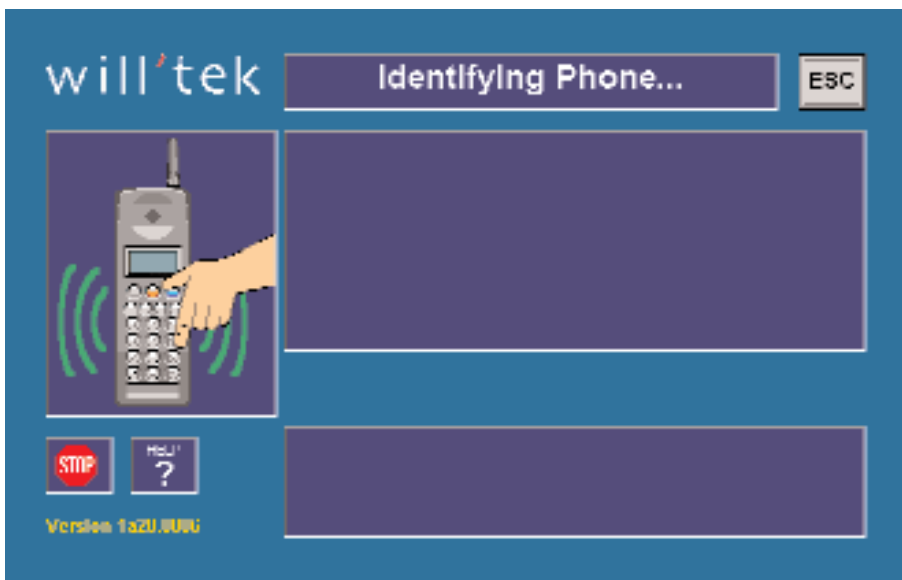
Complete Package:
Tester, Software and Coupler



Increased competition is leading operators to seek new ways of decreasing support costs and improving customer service. The Willtek 4100 Phone Checker Package provides the complete test package. Returned mobiles can be checked on site in just a few moments to identify "finger trouble", network problems or real failures, saving costs of loan units, shipping, paperwork and giving customers great instant service they will remember.

Just place the phone into the cradle of the 4910 Universal Antenna Coupler. Then the software will automatically recognise the type of mobile phone and set up key test parameters and calibration factors. The guided test, using the PC screen, allows even first-time users a fast run-through. Our patented 4910 Universal Antenna Coupler provides the off-air connection and the software sets up a preselected channel free of interference from nearby Base Stations.

Easy to handle, even for first-time users



The Willtek 4107L Mobile Fault Finder provides flexibility for single-, dual- or triple-band mobiles and applies the special test set-ups for all types and all manufacturers automatically. All major RF parameters, call set up and signalling, keypad, display plus microphone and loudspeaker are checked. "PASS" really provides confidence in a working phone. Getting a "FAIL" enables a screen display or detailed print-out of the results so a Repair Centre can get a protocol with the faulty phone to fix the problem faster.

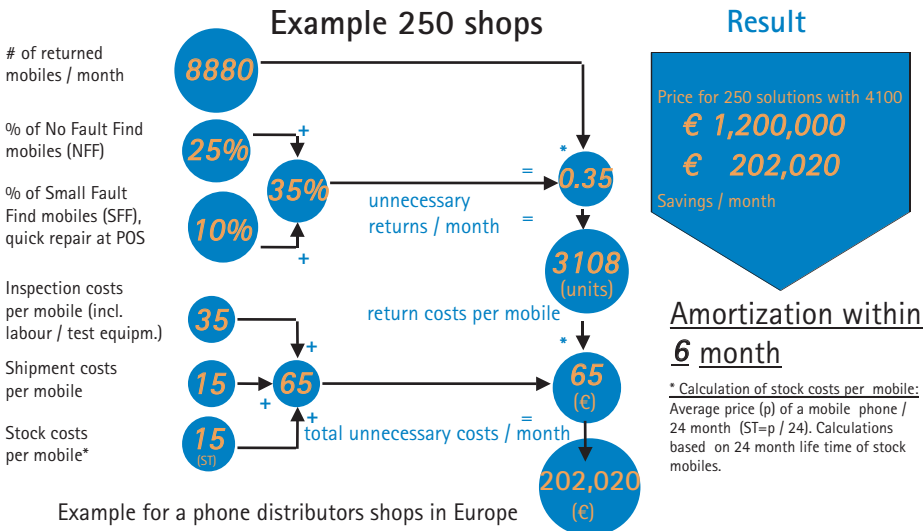
The automated program allows results to be stored in a data base format for statistical analysis or warranty claim checks.

The 4100 Phone Checker Package provides the complete answer to testing in the High Street shops and phone return centres. Simple to use it increases professional service levels, and improves revenue with less paperwork plus lower loan stock levels. Added benefits for manufacturers and operators are better record keeping of field failures and the ability to meet ISO 9000 levels. Not to mention the opportunity for selling accessories additionally while the customer waits for the test results.

Meet ISO 9000

ESC Test Report		Date: 09.10.02	Print	More	
		Time: 07:59:07			
Mobile:	Nokia 6210	Tester:	4202S	GSM Phone Checker:	1a20.000€
IMEI:	449214202122657	Ser.No.:	0213301		
IMSI:	001010123456789	Firmware:	3100		
TCH:	2	45	48		
TX Power 5 (33 dBm)	30 dBm	31 dBm	31 dBm	28-38 dBm	
TX Power 8 (27 dBm)	25 dBm	26 dBm	26 dBm	22-32 dBm	
TX Power 10 (23 dBm)	22 dBm	22 dBm	22 dBm	18-28 dBm	
Phase Error RMS	1 deg	1 deg	1 deg	0 - 15 deg	
Phase Error Peak	3 deg	3 deg	3 deg	0 - 40 deg	
Frequency Error	-2 Hz	0 Hz	-2 Hz	+/- 300 Hz	
Burst Length	555 µsec	555 µsec	555 µsec	538 - 568 µsec	
Power-Time Template	Passed	Passed	Passed		
RX Level (35)	34	35	35	20 - 50	
RX Quality	0	0	0	0 - 3	
Base Originated Call	Passed				
Speech Loopback	Passed				

Cost Calculation of unnecessary Mobile Phone returns





Specifications

4107L Mobile Fault Finder

Systems	GSM 900
	E-GSM
	GSM-R
	GSM 1800
	GSM 1900
Tests	3 Channels/band
	TX Power
	Phase Error
	Frequency Error
	Burst Length
	Power/Time Template
	RX Quality
	Keypad Test
	Audio Loop Back Test

Universal Antenna Coupler

Frequency Range	800 to 2400 MHz
Cradle	Fits all mobile phone types

Ordering Information

4100 GSM Phone Checker Package	M 190 203
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Phone Checker Software

Microsoft Windows™-based system requirements: PC 486 and above, Windows 3.1x, Windows 95, Windows 98 or Windows 2000, 4 MB RAM, 5 MB hard disk space, mouse, serial port, VGA or monochrome monitor min resolution 800 x 600.

Accessories

Willtek provide a full range of supporting equipment for mobile phone tests including 4920 RF Shield Box and mobile phone adapters. See our website www.willtek.com for latest details.

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