

UCTT 8901 BTS

The **UCTT 8901** represents a new generation of multi-functional test tools to serve the emerging 3G/4G wireless markets. The new SAGE Universal Cellular Test Tool (UCTT) 8901 with frequency range from 9KHz to 3.8Ghz is the industry's most advanced and versatile portable test instrument for base station deployment and troubleshooting. The Ultimate Interface Hunting Analyzer Samples 25MHz simultaneously; 1000's of times faster than conventional sweeping spectrum analyzers. Over 30 test Sets in one Box combines state of the art 25MHz FFT Spectrum Analyzer, Antenna & Cable, VNA, Multi-Channel Scanner, Demodulation, Power Meter, Interference Analyzer, VSG and Backhaul Testing. In addition, the UCTT provides in-depth demodulation and monitoring capabilities for all 2G, 3G and 4G technologies. The UCTT represents a new generation of multi-functional test tools to serve the emerging 3G and 4G wireless markets. with 10.4" SVGA with efficient back light display Truly sunlight Readable with responsive touch.



- Spectrum Analyzer
- TDMA IS-136
- CDMA IS-95/ CDMA 2000
- GSM
- GPRS
- EDGE
- W-CDMA/ HSDPA,
- LTE (FDD/TDD)Analyzer
- BTS Transmitter Performance
- BTS Receiver Performance
- Antenna Performance
- Most Accurate Distance to Fault
- Node B (I_{ub}) Protocol Analyzer
- Modulation Analyzer
- Interference Monitor
- Vector Signal Generator
- Performs all standard BTS and OTA measurements.
- E1/Ethernet Analyzer

PROTEK A434L CABLE AND ANTENNA ANALYZER

The Protek A434L Cable and Antenna Analyzer with a frequency range from **5MHz to 4GHz** is a lightweight portable diagnostic tool. The Protek A434L user interface is with a front keypad and a TFT color, 7-inch display providing ease of use and control. The application specific software allows the user to easily compare and analyze measurements and generate comprehensive reports. **Key Measurements** High resolution VSWR Measurements, Distance to Fault (DTF) Measurements, Cable Loss Measurements, and RMS/Peak Power Measurements (optional)

- Frequency Range: 5 MHz to 4 GHz
- Frequency Accuracy: $< \pm 3$ ppm
- Scan Speed: < 1 msec/data point
- Display: Single and Dual mode
- Number of data points: 126, 251, 501, 1001, 2001
- Frequency Resolution: 10 KHz
- External USB memory
- Easy Front panel touch operation



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SPECTRUM ANALYZER PROTEK A734

New Protek A734 handheld spectrum analyzer with a frequency of 100kHz to 4.4GHz has been optimized for the convenience of mobility with lightweight (<2Kg), 5.7 inch sunlight readable LCD, long battery life (>8 hours) and smart battery indicator. Comparable DANL (Displayed Average Noise Level) enables users to detect more accurately low level of signals and additional features such as phase noise measurement, audio listen and zero span options will lead users to take advantage of Protek A734 in more field applications than other spectrum analyzers. with modern connectivity using USB & LAN

- Frequency Range: 100 kHz - 4.4 GHz
- Zero Span
- Minimum Span: 600 Hz
- Smart Battery Indicator
- Modern Connectivity (USB, LAN)
- Audio Listen
- 5.7 inch TFT Sun-light Readable Screen



A133 – SPECTRUM ANALYZER 3GHZ

This fine 3GHz spectrum analyzer comes with 8-inch TFT color LCD and a frequency resolution of min. 1Hz. It has an amplitude accuracy of Max. 1.5dB and offers 12 step resolution bandwidth. Great user-interface with LAN/ Printer/USB/Mouse/Keyboard and RS-232 interface as standard options.

- Frequency : 9kHz to 3GHz
- Frequency Resolution : Min. 1Hz
- Frequency Span : 300Hz to 3GHz, Zero Span, Full Span



A338 - NETWORK ANALYZER 8GHZ(2 PORT/4PORT)

Protek A338 is Vector Network Analyzer supporting from 300kHz to 8GHz WITH TWO PORT & Four port and designed to analyze the properties of electrical network equipment, especially those properties associated with the reflection and transmission of electrical signals known as S-parameters.

- Frequency Range : 300 kHz to 8 GHz
- S11-S44 Measured Parameters
- Dynamic range: -150dB (1Hz IF bandwidth)
- Output Power range : - 60 dBm to +10 dBm
- Display 10.4 inch TFT Color LCD 800 x 600 Touch Screen
- User Interface USB 2.0, Ethernet, Keyboard, Mouse, Printer, Video, GPIB
- Two independent Signal Sources
- Up to 500001 measurement points
- Windows XP Operating System.



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