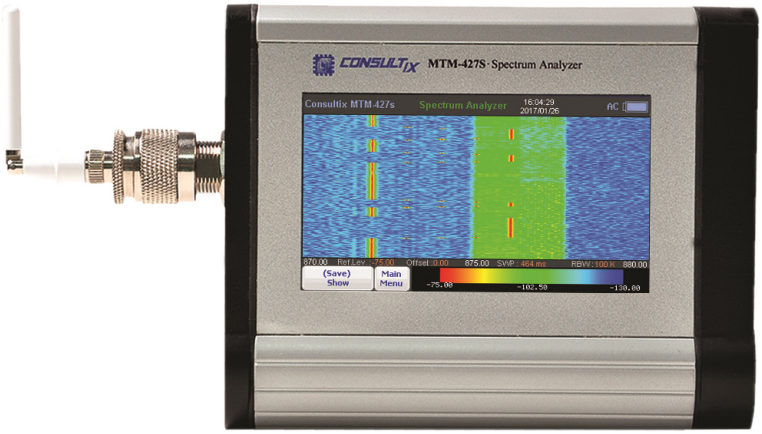
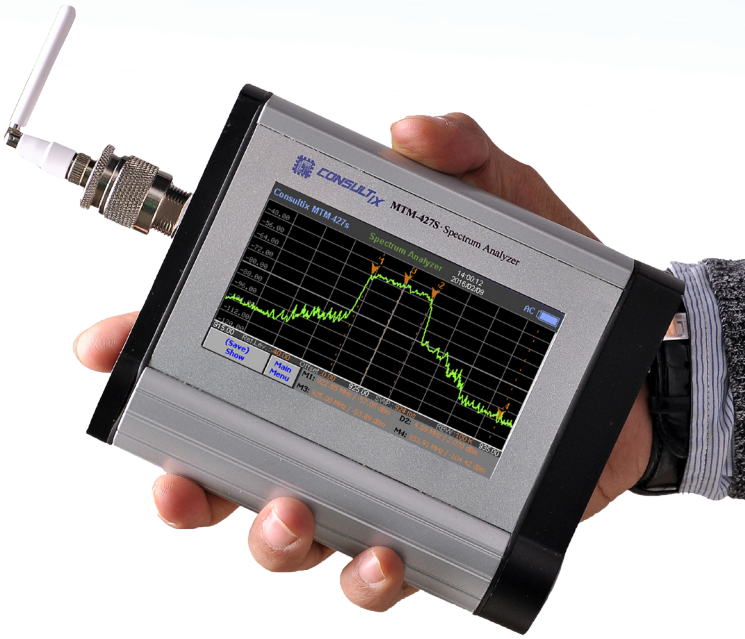
Consultix MTM-427-s Spectrum Analyzer

Carry your Measurements a Further Step





As a technology leader dedicated to fulfill the niche requirements of telecom test users, Consultix provides field engineers & technicians with a compact cost-effective spectrum analyzer; the MTM-427s. Employing state-of-the-art reception techniques, and combining features required for signal and interference analysis, this model is magnificently convenient and efficient for field missions as well as several lab applications. The tester is devised in an innovative modular concept saving user's CAPEX & enhancing logistics cycle.

Smart

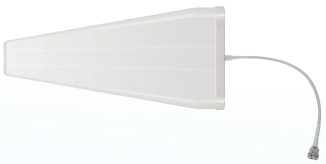
- DANL Performance: -120 dBm (100 KHz RBW)
- Interference Hunting Mode (Optional)
- Spectrogram / Waterfall Display
- Beeper Mode for Interference Location
- Long-Term Spectrum Logger
- User Friendly Touch Interface
- RF Accessories Available

Fit

- Lightweight: 700g (1.5 Pounds)
- Heavy Duty Construction
- Industrial 4.3" Touch Screen
- RF & Shock Protection
- Industrial RF Ports
- Global Stock Delivery
- Quick Service Programs

Specification	
Frequency	
Frequency Band	400 MHz to 2700 MHz
Frequency Accuracy	2.5 ppm
Resolution Bandwidth (RBW)	100 KHz, 250 KHz and 500 KHz
Frequency Span	100 KHz to full span (2.3 GHz)
Sweep Time	924 ms / 100 MHz Span @ RBW = 500 KHz
Amplitude	
RF Input Impedance	50 Ω
Maximum RF Input Level without damage	30 dBm
Sensitivity	-120 dBm (DANL @ 2 GHz and 100 KHz RBW)
Maximum Measured RF Input	-30 dBm
Overall Amplitude Accuracy	± 2 dB
IF Rejection	Zero IF Technique
Image Rejection	>40dBc
Setup	
Simultaneous Traces	Up to 3
Markers	4 Markers & Delta Markers, Peak & Minimum Search
Interference Location Tone	Proportional beep
Monitoring mode	Automatic Interference Logger for extended period
Others	Pre-set regional bands list and Limit Line
Memory	
Type	Internal (1000 traces) and External USB storage
Save/Recall	Measurements and screenshots
Battery and Power Supply	
Battery	Li-ion 3400 mAh
Battery operation time	3 Hour Continuous Operation
AC Charger	Input: 100-240 VAC , 50-60 Hz / Output: 12 VDC, 2 A
Physical and Environmental	
Enclosure	Industrial and Heavy-Duty
Display	4.3" TFT, LCD Touch Screen
Ports and Interface	N Type Female, 2 x USB and DC input
External Dimensions	L160 x W117 x H36mm
Weight	<700 gm. Including battery (1.5 lbs)
Operating Temperature	-10 to +50 C
Standard package	Analyzer, Hard Carrying Case, AC Charger, Whip Antenna, Stylus Pen, Shoulder Strap with Shock Absorbers, Calibration Certificate and User Manual

In order to fulfil users' needs particularly for surveys and interference location, Consultix provides a full line of accessories to accomplish the mission. For more info Please contact our sales sales@consultixwireless.com



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