

COM-3 Communications Service Monitor



The Service Monitor that Works Harder...FOR LESS!

Combining the most creative RF test equipment designers with the requests of service technicians from around the country results in the COM-3, a service monitor designed for service technicians. In a nutshell, *THE COM-3 PERFORMS!* It is simple to set-up, fast to make measurements, easy to instantly interpret results, and therefore gets more radios or pagers tested per hour!

- ✓ 100 KHz – 1 GHz
- ✓ Built in Frequency Counter
- ✓ AM & FM Internal/External Modulation
- ✓ Direct Access Entry
- ✓ Digital Modulation Input Compatible with all Pager Formats

FAST REAL-TIME BARGRAPH

Bright, easy to read and interpret, frequency centering and deviation bargraph display. Far easier to work with than analog meters or slowly updating digital LCD displays. No need to pause between adjustments...you can instantly see the results of your tuning.

BUILT IN FREQUENCY COUNTER

An unknown radio frequency? No problem, the COM-3 can determine and display the exact operating frequency and CTS tone in seconds! No more guessing!

DIRECT ACCESS FUNCTION SELECTIONS

No fumbling with complex, shifted-key functions or embedded layers of "soft keys". The direct entry keys are logically grouped, on a sealed membrane front panel, and directly accessed with a single keystroke.

SMART VALUE

Gone are the days of one expensive service monitor to be shared by all the shop! You can own multiple COM-3 Service Monitors for the cost of just one high priced test station. There is no more cost effective way to equip all of your bench positions, and your field service people with their own service monitor for their own use. You will see a dramatic and immediate increase in the number of completed pager and radio repairs per technician! It's that simple!

SPECIFICATIONS

Frequency Range:	100 KHz to 1 GHz (in 500 Hz steps); Continuous tuning, no problem decade boundaries.	Frequency Counter:	Two ranges; RF: 10 MHz - 999.999 MHz (1 KHz resolution), Audio: 10 Hz - 1 KHz (0.1 Hz resolution)
Accuracy:	±0.0001% (1.0 ppm) 0 - 50° C (higher accuracy timebases available)	Memory:	Up to 10 complete front panel set-ups can be stored and recalled on command
Sensitivity:	Less than 5 µV (typically less than 2 µV)	Controls:	Flat, fully sealed, membrane switch panel with a LIFETIME warranty
FM Deviation:	Two ranges... ±1.5 KHz, ±7 KHz	Display:	Bright, seven digit LED (0.4" tall)
Carrier Frequency:	Two ranges... ±1.5 KHz, ±7 KHz	Integrated Testing:	Battery with Recharging System and Audio Monitoring
RF Output:	0.1 µV to 10 mV in 5 ranges ±2.0 dB	Connectors:	Speaker Built-In
FM Modulation:	Peak Deviation 0 - 15 KHz; Bandwidth 10 Hz to 10 KHz	Dimensions:	Antenna (supplied), Signal Generator Output, Monitor Audio
AM Modulation:	Depth 0 - 99%. Bandwidth 10 Hz to 10 KHz	Weight:	Output (Scope), Modulation (In and Out), Digital Pager
Internal Modulation:	Synthesized audio tones 10 - 1000 Hz in 0.1 Hz Steps, plus 1 KHz Sinewave		Input/Demod Output, External (Safety) Load
Power Protection:	Automatically switches to external jack if reverse power detected		12" x 5.5" x 16" (W x H x D)
			Less than 18 lbs. (including built-in battery pack)

COM-3	Communications Service Monitor, 100 KHz - 1 GHz	\$3,295.00
HSTB-1	High Stability Oscillator Module Option, ±0.00001% (0.1 ppm)	\$595.00
220VCOM	220 VAC 50/60 Hz Power Option	\$285.00
AM-4	AM Modulation Metering Option	\$285.00
FCSH	Front Cover & Side Handle Kit	\$29.95
CC	Cordura Travel Case	\$99.95



Test Equipment Solutions for the New Millennium...TODAY!