



Amitec RF Communication Trainer RFT05

The RF Communication Trainer RFT05 consists of different modules of RF Oscillators, crystal Oscillators etc allow you to actually SEE the Electronic *Spectrum* in "real time". It can be used for analysis in frequency domain to get the complete picture. The modulation products and sidebands of AM, FM, SSB, DSB, DSB-SC, VSB waveforms can be studied. The frequency range and high sensitivity is suited to EMI/EMC measurements, both radiated and conducted. This aids both identification of signals, particularly background, and the location of problem emissions.

Amitec RFT05 Features:

- * 10MHz to 500MHz measurement range
- * Waveform and modulation independent
- * Low cost with high performance
- * Inbuilt frequency counter
- * Wide input range -70dBm to +10 dBm
- * RF modules for experimentation

Amitec RFT05 Technical Specifications

Frequency	: 10 MHz – 550 MHz
Center frequency	: 4 digit LED display
Accuracy	: $\pm 0.1\%$
Resolution	: 100KHz
Sensitivity	: -70dBm
Attenuator	: 40dB & 20dB External
Max. RF Input	: +20dBm
Input Impedance	: 50 Ohms (BNC)
Horizontal scan	: upto 50MHz/div continuous
Center freq.	: Variable control
Dynamic range	: 60dB typical
CRO Output	: Linear X out (BNC)
	: Log Y out (BNC)
Power Supply	: 220V $\pm 10\%$, 50Hz AC
Accessories	: Mains Lead, BNC-BNC

Amitec RFT05 Technical Specifications:

RF Oscillators:

1. RFT-02-A Colpitts RF Oscillator Module:
 2. RFT-02-B Hartley RF Oscillator Module:
 3. RFT-02-C Clapp RF Oscillator Module:
 4. RFT-02-D Pierce RF Oscillator Module:
- RF Crystal Oscillators:**
5. RFT-03-A Feedback Crystal Oscillator Mod.:
 6. RFT-03-B Colpitts Crystal Oscillator module:
 7. RFT-03-C Butler Crystal oscillator module:
 8. RFT-03-D Crystal frequency multiplier mod.:

E-Manual: Installation DVD for ease of Learning.

Specifications are subject to upgrade due to constant innovation. Accessories shown in the photograph are not part of standard equipment.

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