



### FEATURES

- 1 to 10 GHz operating bands
- Emulate up to 10 simultaneous targets
- -120 to 40 dBm output power
- 100 MHz bandwidth
- 0 to 10 km range delays
- -7 to 7 KHz Doppler shifts
- Self-locating

### APPLICATIONS

- Development and debugging of fire control radars
- Algorithm Development and Tests
- Tracking algorithm analysis
- Radar Calibration

### DESCRIPTION

The PRA Multi-Target Generator MTG-10 is a portable radar target simulator. The digital radio frequency memory (DRFM) architecture of the MTG-10 offers up to ten independent targets which are fully adjustable in range, Doppler shift, and return amplitude. The MTG-10 is available with a web-based control interface and a front panel LCD and keypad.

### TECHNICAL SPECIFICATIONS

Max. Independent Targets:	10
Frequencies Coverage: 1 to 10 GHz	Oper. Bandwidth: 100 MHz
Range Emulation: 0 to 10 km	Doppler Capability: -7 to 7 KHz
RF Output Power: -120 to 40 dBm	Processing Digital
Control Interfaces:	Keypad or web interface or RS232
Form Factor:	Portable or 3U shallow rack mount
Position Resolution:	~1 m CEP
Power Sources:	AC mains or Sealed lead acid battery (optional)
Weight:	12 lb