



FEATURES

- 1 to 10 GHz operating bands
- 100 MHz bandwidth
- -120 to 40 dBm output power
- 0 to 10 km fixed range delay
- Tunable Doppler shift
- Self-locating

APPLICATIONS

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

DESCRIPTION

The PRA Doppler-Target Generator DTG-100 is a highly portable, target emulator with tunable Doppler shifting. The emulated target can have a fixed delay between 0 and 10 Km.

TECHNICAL SPECIFICATIONS

Max. Independent Targets:	1
Doppler Capability: -7 to 7 KHz	Oper. Bandwidth: 100 MHz
Frequencies Coverage: 1 to 10 GHz	Fixed Range Emulation: 0 to 10 km
RF Output Power: -120 to 40 dBm	Processing: Analog
Position Resolution: ~1 m CEP	
Form Factor: Portable	
Power Sources: AC mains or Sealed lead acid battery (optional)	
Weight: 6 lb	