

DS240T DVB-T/T2 Meter

Key Benefits

- Comprehensive tool for construction and installation of DVB-T/T2/C networks
- Automatically learns channel plan from cable drop
- A rugged, handheld unit for field use
- Auto test with pass/fail limits speed up tests and simplifies result interpretation
- Toolbox management software enables user to quickly configure the unit

The DS240T is a multifunction instrument, which supports DVB-T/T2/C constellation and analog signals for CATV networks. It is the ideal tool for initial network construction, for subscriber installations as well as for service and troubleshooting tasks. Its ruggedized design, which includes a shock protector, combined with icon display GUI and auto pass/fail specified limit feature provides increased efficiency and productivity for all types of technicians.

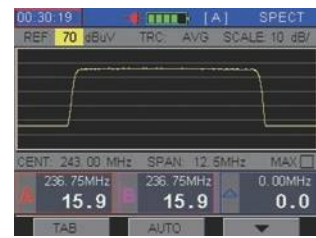
Other features such as return path & forward spectrum scan, 12 favorite tilt frequencies, AC line voltage test, HUM and DC voltage measurements, combined with complete data logging and a management software, makes this unit a versatile tool for DVB-T/T2/C installations.

MER, PRE & Post BER measurements and BER statistics feature allows quick testing of loose connections related to pixelating or slow DS internet data flow. This function can identify mismatches caused by open coaxial lines or corroded devices



Key Benefits

- 5 MHz ~ 1 GHz range (analog/digital signals)
- Multiple user channel plans with learn mode
- QAM, QPSK, COFDM power measurements
- QAM MER w/constellation display
- Pre and Post BER analysis
- BER, ES, SES, COR/UNCOR bps
- Return Path & FWD spectrums scan
- Pass/Fail limit test functions w/AUTO storage
- Tilt measurements display (12 frequencies)
- AC-DC voltage measurements including HUM
- Measurement data storage capability
- User-friendly operation (ICON-GUI)
- Color display 2.8" (320x240 TFT LCD)
- Management PC software included – Toolbox



Specifications

DVB-T	
Frequency Range	5 MHz to 1052 MHz
Function	Power MER, CBER, VBER, ECHOES and MER Versus Carriers
DVB-T Signal Parameters	
Carriers	2k/8k (Automatic)
Guard Interval	1/4 1/8 1/16 1/32 (Automatic)
Code Rate	1/2 2/3 3/4 5/6 7/8 (Automatic)
Modulation	QPSK 16QAM 64QAM (Automatic)
Spectral Inversion	Automatic
Channel Power	
Range	30~100dB μ V
Accuracy	\pm 2.0 dB
MER	
Range	>30dB
Accuracy	\pm 2.0 dB
BER	
CBER/VBER	$\sqrt{\quad}$
DVB-T2	
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM
Power Level	
Range	25~110dB μ V
Resolution	0.1dB
Accuracy	\pm 2.0 dB (C/N>20dB)
MER	
Range	>32dB
Accuracy	\pm 2.0 dB
BER	
CBER/VBER	$\sqrt{\quad}$
Power	
Battery	11.1V 1.6AH Lithium battery (5 hours of operation)
Charger	AC 100V to 240V 50-60Hz; charge time approximately 3 hours
Communication Port	
Adaptor	RS 232C (With Serial to USB data cable included)
Dimensions (H x W x D) & Weight	
218 mm \times 95 mm \times 49 mm (8.52" x 3.74" x 1.93")	700 grams (1.54 lb)