

# DS2400T DVB-T/T2 Meter

## Overview

DS2400T is an ideal combo meter for DVB-T/T2/C network installation. It is lightweight, simple to use and suitable for field test. As a professional device, DS2400T demodulates and measures the signal with high accuracy. A test report is easy to be obtained via PC Toolbox Software.

|         |          |              |
|---------|----------|--------------|
| DS2400T | Standard | DVB-T        |
|         | Option   | DVB-C/DVB-T2 |

## Key Features

- Compatible with DVB-T/T2 and DVB-C standard
- DVB-T/T2: Comply with ETS300744 standard/ Support Power, MER, CBER and VBER
- DVB-C: Support Digital and Analog TV Measurements
- Spectrum Function (5~1000MHz)
- Easy to use

## Specifications

| DVB-T                   |                    |                                                        |
|-------------------------|--------------------|--------------------------------------------------------|
| Frequency Range         |                    | 5 ~ 1000 MHz                                           |
| Function                |                    | Power, MER, CBER, VBER, ECHOES and MER Versus Carriers |
| DVB-T Signal Parameters | Carriers           | 2 k / 8 k (Set by user)                                |
|                         | Guard Interval     | 1/4 1/8 1/16 1/32(Set by user)                         |
|                         | Code Rate          | 1/2 2/3 3/4 5/6 7/8                                    |
|                         | Modulation         | QPSK 16QAM 64QAM                                       |
|                         | Spectral Inversion | Automatic                                              |
| Channel Power           | Range              | 30 ~ 100 dBμV                                          |
|                         | Accuracy           | ±2.0 dB                                                |
| MER                     | Range              | ~30 dB                                                 |
|                         | Accuracy           | ±2.0 dB                                                |
| BER                     |                    | CBER, VBER                                             |
| DVB-T2                  |                    |                                                        |
| Modulation Type         |                    | QPSK, 16 QAM, 64 QAM, 256QAM                           |
| Power Level Range       |                    | 25 dBμV ~ 110dBμV                                      |
| Level Resolution        |                    | 0.1dB                                                  |
| Power Level Accuracy    |                    | ±1.5 dB(C/N >20 dB)                                    |
| MER Measurement         |                    | >30 dB                                                 |
| MER Accuracy            |                    | ±2.0 dB                                                |
| CBER/LBER               |                    | √                                                      |
| Constellation           |                    | √                                                      |
| Power Supply            |                    |                                                        |
| Battery                 |                    | 11.1 V 1.6 AH Lithium Battery(Chargeable)              |
| Charger                 |                    | AC 100 V to 240 V 50-60 Hz                             |
| Working Time            |                    | 5 Hours (Fully Charged)                                |
| Charge Time             |                    | ~ 3 Hours                                              |
| Others                  |                    |                                                        |
| Serial Port             |                    | RS 232 C                                               |
| Operating Temperature   |                    | 0 °C ~ 50 °C                                           |
| Dimension               |                    | 218 mm × 95 mm × 49 mm                                 |
| Weight                  |                    | 700 g                                                  |
| Display                 |                    | 320 × 240 TFT                                          |



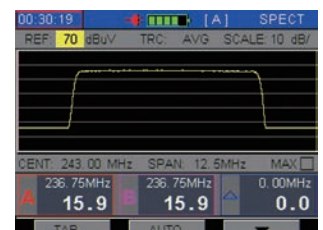
Main Menu(DVB-C and DVB-T)



DVB-T Power and MER



DVB-T Constellation Diagram



Spectrum