

# DS2400B/Q

## QAM Analysis Meter

### Overview

DS2400 series is mainly used for initial network construction and project maintenance, which supports QAM and analog signal indexes measurement.

DS2400 series' friendly interface and simple operation could simplify the operator's work and resolve the problems much quicker.

### Key Features

- 2.8 Inch TFT LCD
- Communicate with PC via USB cable
- Toolbox - PC Management Software

### Model Guide

Module	Configuration
DS2400B	Analog: Level, Limit & Auto Test, Spectrum, Tilt Channel Scanning etc (Remark: USB cable and Toolbox is optional for DS2400B.)
DS2400Q	DS2400B plus MER, BER, Constellation, Power Level, etc

### Specifications

	DS2400Q	DS2400B
<b>Frequency</b>		
Range	5 MHz ~ 1000 MHz	
Accuracy	$\pm 50 \times 10^{-6}$ (20 °C $\pm 5$ °C)	
Resolution	10 kHz	
<b>Analog CATV</b>		
Level	30 dB $\mu$ V ~ 120 dB $\mu$ V	
Accuracy	$\pm 1.5$ dB	
Resolution	0.1 dB	
Channel Sweep	Max. 150 Channels	
HUM	√	
<b>DVB-C</b>		
Power Level	30 dB $\mu$ V ~ 110 dB $\mu$ V	
Accuracy	$\pm 2.0$ dB	
Resolution	0.1 dB	
Modulation Type	ITU T J.83 Annex A/B/C, 16/32/64/128/256 QAM	×
SR	4 MS/S ~ 7 MS/S	×
MER	22 dB ~ 39 dB	×
MER Accuracy	$\pm 2$ dB	×
BER	1E-3 ~ 1E-9	×
BER Statistics	√	×
Constellation	√	×
<b>Spectrum</b>		
Sweep Span	2.5 MHz / 6.25 MHz / 12.5 MHz / 25 MHz / 62.5 MHz / Full Span	
<b>Power Supply</b>		
Battery	11.1 V / 1.5 AH Rechargeable Lithium-Ion	
Charger	AC 90 V ~ 240 V 50 / 60 Hz	
Working Time	5 Hours	
Charge Time	<3 Hours	

