

# DS2400 Series 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                                     |         |



|                     | DS2400Q   | DS2400B |
|---------------------|---|---------|
| 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 / 1.6 AH Rechargeable Lithium-Ion                      |         |
| Charger             | AC 100 V ~ 240 V 50 / 60 Hz                                   |         |
| Working Time        | 5 Hours   |         |
| Charge Time         | <3 Hours  |         |

