LM8385Q Digital Signal Level Meter

LM8385Q Signal Analyzer is specially designed and manufactured for CATV system installation and testing. It's a portable instrument, easy to carry with many functions. This instrument can test CATV signal level both at channel and frequency mode. At SCAN mode, it can scan all channels and store signal level. At spectrum mode, it can carry out spectrum display and test for a certain frequency range. Also it can measure CATV TILT, C/N, trunk cable Vo1tage, etc. The big LCD clear1y displays all testing results. It especia1ly fit for CATV station as a professional measurement instrument.

SPECIFICATIONS

1.LEVEL

- ◆ Frequency Range: 5-870MHz
- ◆ Resolution Bandwidth: 280KHz ± 50KHz
- ◆ Channels: All CCIR and OIRT Channels
- ◆ Level Range: 30dBμV — 115dBμV
- ◆ Accuracy: ±1.5dBuV(under room temperature)
  ±2.5dBuV(- l0 — +40℃)
- ◆ input impedance 75Ω(BNC or F connector)
- ◆ Wave detection Peak value

2. AUTO SCAN TESTING

- ■ Max Channel Scan: 125 Channels
- ■ Scan Range: All Channels within 46--870MHz
- ■ Scan Speed: 30 Channels/Min
- ■ Memory Groups: 23 Groups (00--22) each group store Max 100 Channels.

3. VOLTAGE

◇ Voltage Range: 0 -- 100VAC

- ◇ Accuracy: ±1.5V
- ◇ Resolution 0.IV

4 C/N (the measure result is only for reference, not accuracy result)

- Level Range: 80dBuV – l05dBuV

5.OTHERS

- Dimension: 214mm x 94mm X 47mm
- Weight: 1.4 kg
- Working Temperature: -l5℃ -- + 40℃
- Display LCD: l28*64 Matrix Super big LCD with back light

6.POWER

- DC Supply: DC 7.2V/1.5Ah rechargeable battery
- AC Supply: AC 220V/50Hz±10% or 110V/50Hz±10%
- Battery working hours: Longer than 4.5 hours at continuous working mode
- Recharging hours: 12 -- 14 hours.

7.ACCESSORIES

- ★ Battery Charger: Charger 1pc
- ★ RF Input Port: F type 2pcs
- ★ User Manual l copy

8 **DVB specifications**

Frequency range:	5-870MHz
Demodulation:	DVB-C/ITU-T J.83-Annex A,B,C
Signal:	16/32/64/128/256 QAM
Level range:	40-110 dBuV ±2.0dB
Span:	0-9.9 MHz (modified by user according to the signal)
SR:	1-7MS/S