

1280 Signal Level Meter

Features



- ◇ Channel and spectrum testing
- ◇ Scan mode, spectrum mode and TILT mode
- ◇ Testing level, voltage, C/N etc
- ◇ Large LCD screen display



FCC EMI

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Description

SLM-1280 is designed to provide features which are most widely used and favored by professionals in CATV industry at the least cost. It can be used to measure accurately the Analogue channels, Digital channels and FM channels efficiently and effectively with high accuracy rate. Mainly it supports C/N, level, channel power measurement, voltmeter function, spectrum analysis, auto-test, limit test and data logging and so on. Overall, its functions are easy to use and can be used in a wide range of applications. Further, the highlight is that it also can measure the amplitude at a specific frequency or any carrier defined by user and displays the results. In addition, user can detect the occasional disturbance through the peak-hold function in the LEVEL and SPECTRUM mode.

Parameter

Item	Specification
Frequency and Level	
Frequency range	5 — 870MHz
Resolution bandwidth	280KHz ± 50KHz
Channels	All user Channels
Level range	30dBμV — 115dBμV
Accuracy	±1.5dBuV(under room temperature)
	±2.5dBuV(- 10 — +50℃)
Input impedance	75Ω(BNC or F connector)
Wave detection	Peak value
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.
Voltage	
Voltage range	0 ~100VAC
Accuracy	±1.5V
Resolution	0.1V
C/N (only for reference)	
Level range	80dBuV – 105dBuV

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Others	
Dimension	215mm x 95mm X 47mm
Weight	610g (without charger)
Working temperature	-10°C ~ + 40°C
Display LCD	128X64 matrix LCD with back light
Power	
DC supply	DC 7.2V/1.6Ah rechargeable battery
AC supply	AC 220V/50Hz±10%
Battery working hours	longer than 4.5 hours at continuous working mode
Recharging hours	12 ~ 14 hours.

Applications

- ◇ Measure CATV signal level