

# PICO-PRO/Q

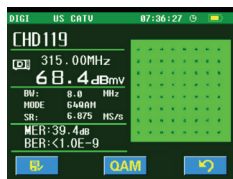
## Digital QAM Signal Analysis Meter

### Features

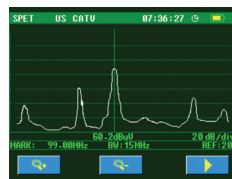
- Digital or analog measurements available in one instrument
- Supports Annex A (16, 32, 64, 128, and 256) and Annex B (64 and 256) QAM modes
- Leakage measurement in the spectrum mode or frequency mode if the exact frequency of the leakage is known
- Full channel range from channel T7 to 135 (5 MHz - 860 MHz).
- Large, easy-to-read display provides quick glance capability in dimly lit environments
- Multi-function digital or analog signal analysis includes all pertinent channel and system-wide information
- High accuracy for all individual channel and system parameters including: spectrum, scan, tilt, carrier-to-noise, carrier level and line voltage measurements
- Tilt measurement for simplified system balancing
- MER, BER, and test constellation graphic display for accurate digital signal analysis
- Programmable power shut-off extends time between charges
- High-impact plastic case and leatherette-vinyl case protect unit during field use



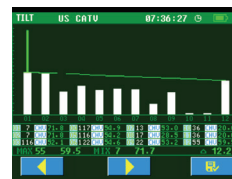
Value Amendment (Calibration)



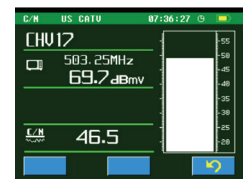
Signal Measurement (MER, BER, Constellation)



Spectrum Measurement



Tilt Measurement



Carrier-Noise Measurement

### Specification

Frequency/ Channel		Voltage Measurement	
Frequency Range	5 MHz to 870 MHz	Input Range	10 V to 80 V (AC/DC)
Channel Range	T7 to CATV 135	Accuracy	± 2 V
Frequency Resolution	10 kHz	Resolution	0.1 V
Measurement Bandwidth	280 kHz	<b>Technical Indicators Above 25 °C</b>	
Modulation		Power	
QAM Annex (A)	16, 32, 64, 128 and 256	DC Supply	7.2 V rechargeable battery
QAM Annex (B)	64 and 256	AC Supply	AC110 V/60 Hz ± 10%
Symbol Rate	1 Mbps to 7 Mbps	Working Time	> 4 hrs (fully charged battery)
Analog CATV	AM, FM	Charging Time	≤ 8 hrs
Bandwidth	1 MHz to 9.9 MHz	Other	
Level Measurement		Dimensions	3.66"(L) x 1.89"(D) x 8.47"(H)
Range	- 35 dBmV to 60 dBmV	Net Weight	< 550 g
Accuracy	±2 dB	Temperature	- 10 °C to 45 °C
Resolution	0.1 dB	Display	320 X 240 TFT LCD
Scan	Peak value demodulation	Audio Output	Built-in speaker
Input Impedance	75 Ω	Ordering Information	
Carrier-Noise Ratio - C/N		<b>PICO-PRO/Q</b>	Digital QAM Signal Analysis Meter
Input Range	10 dBmV to 45 dBmV	<b>PICO-PRO/Q-PS</b>	Power Supply
Accuracy	± 2 dBmV	<b>PICO-PRO/Q-BT</b>	Battery