

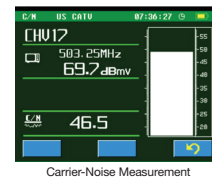
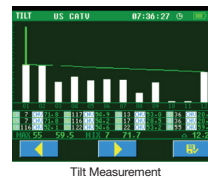
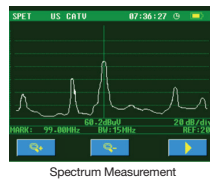
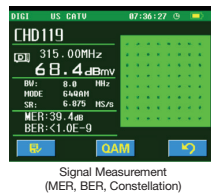
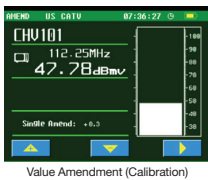


# PICO-PRO/Q

## 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



### Specification

Frequency/ Channel	
Frequency Range	5 MHz to 870 MHz
Channel Range	T7 to CATV 135
Frequency Resolution	10 kHz
Measurement Bandwidth	280 kHz
Modulation	
QAM Annex (A)	16, 32, 64, 128 and 256
QAM Annex (B)	64 and 256
Symbol Rate	1 Mbps to 7 Mbps
Analog CATV	AM, FM
Bandwidth	1 MHz to 9.9 MHz
Level Measurement	
Range	- 35 dBmV to 60 dBmV
Accuracy	±2 dB
Resolution	0.1 dB
Scan	Peak value demodulation
Input Impedance	75 Ω
Carrier-Noise Ratio - C/N	
Input Range	10 dBmV to 45 dBmV
Accuracy	± 2 dBmV

Voltage Measurement	
Input Range	10 V to 80 V (AC/DC)
Accuracy	± 2 V
Resolution	0.1 V
Technical Indicators Above	25 °C
Power	
DC Supply	7.2 V rechargeable battery
AC Supply	AC110 V/60 Hz ± 10%
Working Time	> 4 hrs (fully charged battery)
Charging Time	≤ 8 hrs
Other	
Dimensions	3.66"(L) x 1.89"(D) x 8.47"(H)
Net Weight	< 550 g
Temperature	- 10 °C to 45 °C
Display	320 X 240 TFT LCD
Audio Output	Built-in speaker

### Ordering Information

PICO-PRO/Q	Digital QAM Signal Analysis Meter
PICO-PRO/Q-PS	Power Supply
PICO-PRO/Q-BT	Battery