

Big features, small package

Your go to meter for installation, remote monitoring, or troubleshooting. Rugged, light-weight, and extremely easy to use.

Install, maintain, and troubleshooting digital and analog cable TV networks, onsite or remotely.

Features & Benefits

- Remote Control & Measurements - In an affordable package
- Rugged and Light Weight - Total reliability
- Intuitive User Interface - Reducing the learning curve
- Ergonomic Handheld Design - Three buttons + thumbwheel
- Long Battery Life - Over 5 hours on a full charge
- Lab-quality Precision - Real-time digital processing
- Comprehensive Functions - With pass/fail indicators
- Automatic SW upgrades - Updated at all times
- 100% Automatic - Signal detection



Stay in control, no matter where you are

The H30 is a lightweight hand-held unit, packed with all the features needed to install and troubleshoot a television system using QAM digital modulation as well as NTSC analog signals. Control your meter and access your measurements from a smartphone, tablet, laptop or any other internet connected device. This handy little meter is even inexpensive enough to leave in your headend and use its unique in its class remote measurement and control capabilities to provide long term monitoring or to trouble shoot those hard to find, intermittent problems. Available for the first time in such a portable and affordable package, its real-time digital processing engine gives the installers the lab-precision measurements needed in today's fulfillment environment.



Lab-quality Precision Real-time digital processing

Designed from the ground up to instantaneously obtain all the information in the signal in real time, a true milestone in field testing. The H30 Series provides the accuracy and speed needed to detect the faintest transients, ingress, or spurious signals affecting your cable system. Lab-quality precision available for the first time in such a portable and affordable package.

Remote Control & Measurements In an affordable package



CONTROLLED
VIA TABLET

Control your meter and access your Measurements from a smartphone, tablet, laptop or any other internet connected device. Ideal for extended signal tests over time in headends and broadband distribution networks. Leave your H30 connected to your headend or anywhere in your plant and control the unit to measure signals and quality parameters remotely. Once finished, export the results to your computer using your browser.

Rugged and Light Weight Total reliability



A unique dual injected rubber and polycarbonate plastic housing ensures the best protection and durability. Weighing only one pound, the H30 is comfortable to carry and use. You can put it in your pocket or hang it from its sturdy built-in grommets using the provided shoulder strap... you will hardly know it's there!

Intuitive User Interface Reducing the learning curve



Easy to use one-level menu structure with very intuitive functions for increased usability, faster operation and maximum productivity. No function requires more than three successive button pushes to achieve the desired operation. It doesn't get any easier than this, you will fly through the functions without ever reading the user manual.

Comprehensive Functions With pass/fail indicators



Complete set of CATV features such as Single Channel Measurements, System Scans, Tilt Function, Constellation, Spectrum Analyzer, Service Identification, Datalogs, Reverse Path Ingress Scan, Plan Learning... as well as optional comprehensive DOCSIS 3.0 functionality including Connection Status Information, Quality Parameters for every upstream/downstream carrier, Throughput and Modem Emulation.



100% Automatic Signal detection

Completely automatic, ITU-T J.83 Annex A/B/C and NTSC parameter detection and measurement with no setup needed. The H30 Series meters immediately detect if the input signal is analog or digital and determine its constellation, symbol rate, and other modulation parameters, providing instantaneous readings with no user intervention.

Reference	593101
Frequency	5 to 1,002 MHz
Resolution	10 kHz
Input	75 Ohm F-Type connector
Tuning	Frequency or Channel
Input level	-30 to +60 dBmV
Standards	ITU-T J.83 Annex A/B/C
Modulation	16/32/64/128/256 QAM, QPSK
Symbol Rate	2 to 6.9 Msps
Profiles	10 Factory & up to 20 user generated profiles
Tolerance	± 2 dB
Spectrum Analyzer Span	2.5, 6.25, 12.5, 25, 26.25, 126, 250, 500 MHz and full span
Spectrum Analyzer Scale	5 and 10 dB/div
Digital Measurements	Power
	MER up to 40 dB
	C/N up to 45 dB
	Pre-BER, Post-BER (Annex B)
	BER (Annex A/C)
	Constellation display: 16,32,64,128 & 256 QAM
Analog Measurements	Accuracy: ± 2 dB
	Resolution: 0.1 dB
	Video level -30 to +60 dBmV
	Audio level
	V/A ratio up to 30 dB
	C/N up to 54 dB
	CTB/CBO
General	
Display	2.8" TFT full color
Screen resolution	400 x 240 (2.8") Pixel
Communication Interface	Ethernet interface for remote control, measurements, datalog retrieval and automatic software updates
Storage	400MB (internal) for measurements
Weight	1.12 lb (510g)
Dimensions	6.9 x 3.9 x 2" (175 x 100 x 52mm) HxWxD
AC Adaptor	100-240VAC 50-60Hz Input / 12VDC, 2A output
Battery	Li-Ion 7.2 VDC
Battery charge	2,300 mAh
Battery life	Up to 4.5 hours
Operating temperature	23 to 104 °F (-5 to +45°C)