

713i / 715i

CATV Installer's Signal Level Meters



700 Series

The Applied Instruments' 700 Series Signal Level Meters are compact, durable units designed for simplicity and reliability. Their many built-in features include simultaneous reading of video and sound carriers, and exceptionally long battery life. This is an ideal installer's meter for a 550 MHz or 750 MHz cable system .

Rugged internal componentry and molded weather-resistant cases make the 700 Series meters stand tough for years of dependable service.



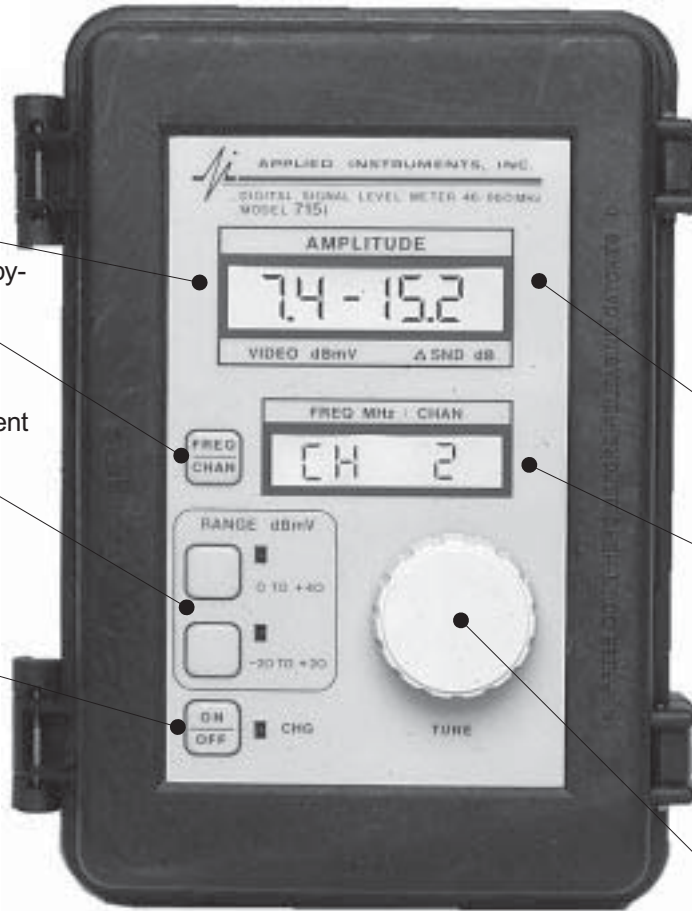
- Digital amplitude display with 0.1dB resolution.

- Single keystroke toggles between tune-by-frequency and tune-by-channel.

- Amplitude range selector keys. Convenient automatic up-ranging selects higher attenuation when encountering an unexpected overrange signal.

- Power switch with automatic shutoff. Front panel settings recalled upon turn on.

- Calibration correction can easily be set with front panel controls.



- Carrying/operating bag, neck strap, and wall transformer included.
- Field replaceable "F" connector.
- Up to 99 favorite channels can be programmed for rapid drop evaluation.
- Video and Δ sound levels displayed simultaneously - preferred by CATV technicians.
- Channel and frequency digital display.
- Selection of tuning plans such as NTSC and Jerrold, (Standard and HRC), are easily selectable via the front panel.
- Synthesized tuning eliminates channel guesswork.

700 SERIES SPECIFICATIONS

Frequency accuracy.....	± 20 kHz (from $+20^{\circ}$ to $+30^{\circ}$ C)
Frequency tuning resolutions.....	0.125 MHz
Amplitude measurement range..	-20 to +40 dBmV
Amplitude accuracy.....	± 1.0 dB (from $+20^{\circ}$ to $+30^{\circ}$ C) ± 2.5 dB (from -17° C to $+55^{\circ}$ C)
IF bandwidth.....	280 kHz at 3 dB points 600 kHz at 40 dB points
Size (W x H x D).....	6.5" x 8.5" x 3.25" (16.5cm) x (21.6cm) x (8.3cm)
Weight.....	4.5 lbs (2.04kg)
Operating temperature range.....	-17° C to $+55^{\circ}$
Battery life.....	8 hours continuous
<i>110 VAC or 220 VAC wall transformer included</i>	

Model Frequency Ranges

713i 46 to 800 MHz

715i 46 to 860 MHz

Channel Plans- NTSC, FM 88-106, Off-Air, HRC, IRC, Jerrold Std, Jerrold HRC, Pal 1, Pal B-G, Pal HRC (Custom channel plans available upon request.)

Specifications subject to change without notice