

# TELEVISION PRODUCTS

## VM700 and VM700A

- **Many Capabilities in One Instrument**
  - Digital Waveform Monitor
  - Digital Vectorscope
  - Group Delay and Frequency Response
  - Noise Measurement Set
  - Automatic Measurement Set
- **Auto Mode**
  - Unattended Monitoring of NTSC or PAL Video Signals from Studios, STLs, Earth Stations, and Transmitters
  - User-Specified Limits
- **Measure Mode Provides Graphic Display of Measurements**
  - K Factor
  - Differential Gain and Phase
  - Chrominance to Luminance Delay
  - Noise Spectrum
  - Group Delay with Sin x/x
  - Color Bars
  - Relative to Reference on Most Measurements
- **Three Input Channels**
- **Averaging on Most Measurement Modes**
- **Picture Mode for Source ID**
- **Hardcopy for Analysis and Documentation**
- **Remote Control Operation**

### ORDERING INFORMATION

**VM700 Automatic Video Measurement Set** **\$15,000**  
**Opt. 01 - NTSC Measurement** **+\$3,000**  
**Opt. C1 - Cabinet Version** **+\$300**  
**Opt. P1 - Epson LQ-850 Printer** **+\$875**

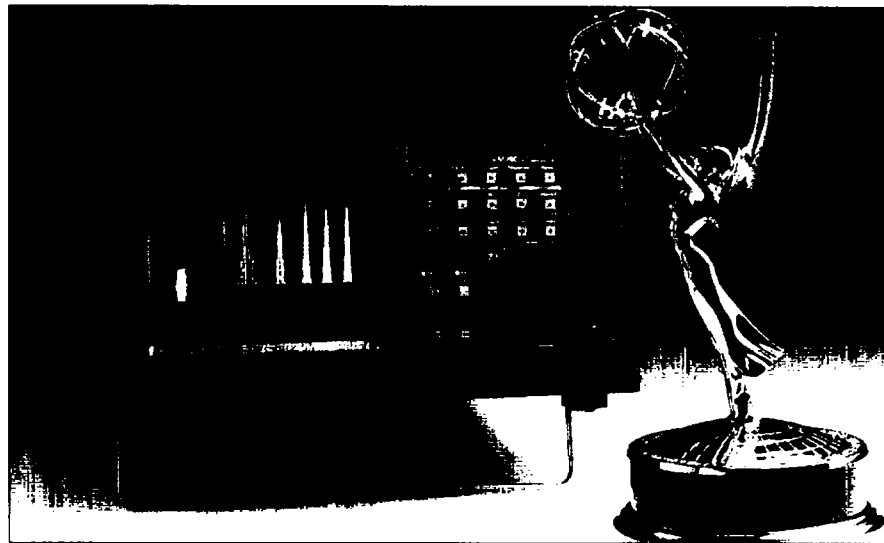
**VM700A Automatic Video Measurement Set** **\$15,000**  
**Opt. 11 - PAL Measurement** **+\$3,000**  
**Opt. 1C - Cabinet Version** **+\$300**

The VM700 and VM700A are complete video monitoring and measuring instruments which can be used for automatic measurements and monitoring, as well as for manual measurements. The user can select a display of numeric values to confirm the quality of the signal path, or may select graphic displays for more detailed analysis.

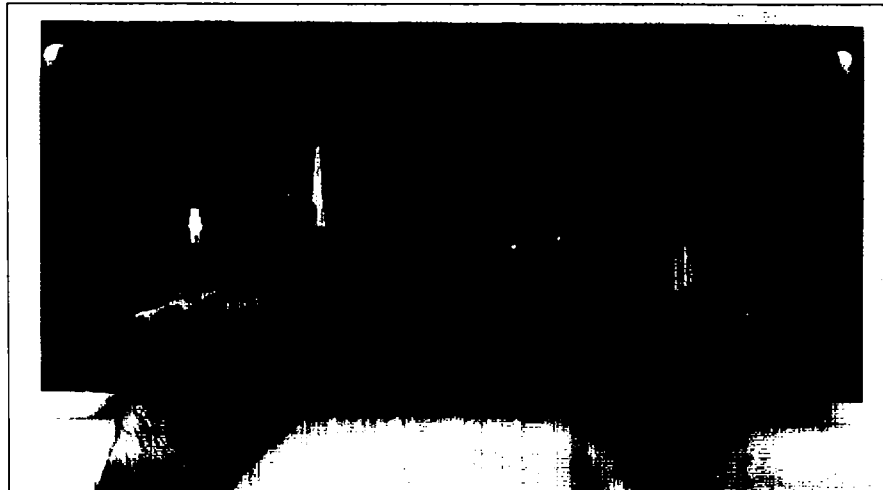
The VM700 Auto Mode makes standard video measurements automatically, including those specified in RS-250B/EIA-250C, NTC-7, and RS-170A. These measurements can be compared with user-defined limits.

The VM700A Auto Mode makes standard video measurements automatically, including those specified in CCIR Rep. 624-1, Rec. 567, and Rec. 569. These measurements can be compared with user-defined limits.

With the VM700 and the VM700A, a caution or alarm message is generated when these limits are violated. Reports can be made and printed automatically at operator scheduled times.



*Emmy Award Winning VM700 Video Measurement Set*



*VM700A PAL Video Measurement Set*