

## Waveform/Vectorscopes

Astro WM-3001  
\$275/Day  
\$825/Week

The WM-3001 is a portable HD Waveform monitor. Supporting 17HD formats, this small box provides all necessary functions such as Picture, Waveform, Vector Display and Status Display. For the use in the field, a battery can be mounted on its back. The actual input signal can be either HD SDI (SMPTE-292) or Analog YPbPr.

Tektronix 1750  
\$75/Day  
\$225/Week

Tektronix WFM-90  
\$50/Day  
\$150/Week

The Tektronix WFM90 Series are handheld, multifunction monitors ideally suited to the monitoring needs of field production, equipment installation or any situation where portability and battery operation is required for analysis of analog composite video systems. The combination of features and monitoring modes provided makes these instruments powerful enough to set up, time and troubleshoot complex video and audio systems, combining the power of four separate instruments in the palm of your hand.

The high-resolution, four-inch/102 mm color LCD display provides a clear, unprocessed picture of the incoming video signal. Alternately, the waveform, vector or audio displays may be shown full-screen or any one may be cut into any corner of the display. In addition to the LCD display, a composite video output supplies a monochrome waveform, vector or audio display, either full-screen or cut into a color picture.

As a waveform monitor, the WFM90 Series provides all the features expected on a basic, single-channel monitor: external reference; 1H, 2H and 2V sweeps; X1, X5 and variable vertical gain; flat and luminance filters. The external reference input allows users to perform the system timing adjustments critical to sophisticated field productions. In addition to these basic features, an alarm mode, where the waveform's color changes above 100 IRE (WFM90) or 700 mV (WFM91), provides quick feedback when video levels exceed accepted standards. All display controls are selected through simple, on-screen menus.

LEADER 5870  
\$75/Day  
\$225/Week

Combining the standard features of a waveform monitor and vectorscope in a single half-rack package, the 5870 adds a number of powerful measuring advantages. Among these are the ability to overlay waveform and vector displays from two input signals for precise level, timing and phase matching. A x5 vertical gain multiplier, 200 ns/major division fastest time base and wide-range centering controls permit close inspection of all parts of the waveform for high resolution adjustments. The use of the decoded R-Y signal facilitates easy high-resolution measurements of differential phase and gain. Chroma and IRE filters may be inserted on a full-time or line-shared basis.

\$50/Day  
\$150/Week

The Videotek VTM-100 makes the most common monitor think it is a full-featured, precision test instrument which employs three inputs, is capable of composite or component measurements, and automatically detects the presence of NTSC or PAL signals. Regardless of the screen size, 5" or 50", the VTM-100 produces waveform, vector and audio displays over picture with unsurpassed clarity. Operation is easy and convenient with a drop-down menu that allows a myriad of features usually found only in the most expensive test instruments. Graticules and user-adjustable alarms, indicated in color, are generated electronically which are not affected by a non-linear monitor raster. With features such as full-field line select, SC/H phase, parade, and overlay of signals and much more, the VTM-100 is a value packed device that is ideal for a variety of professional applications.