



Test and Measurement

VIDEOTEK® VTM SERIES™



The Videotek VTM Series™ features the world's first user configurable, field upgradeable, multi-format test and measurement console. The innovative modular platform makes the VTM Series fully customizable and affords broadcasters unprecedented flexibility to choose exactly how they'll apply Videotek's award-winning technology. The perfect solution for today's multi-format environment.

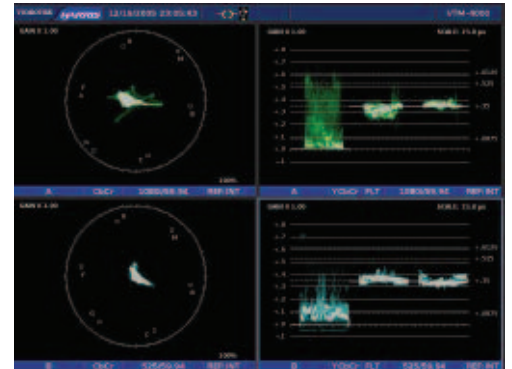
Start with the number of signals that can be monitored. When fully equipped, the VTM Series is the only test instrument of its kind that monitors and displays as many as four inputs simultaneously. Videotek's proprietary graphic display engines enable multiple input configurations to accommodate any environment. HD/SD, SD-only and composite analog inputs are available. Users can mix and match the appropriate graphic display engine with other options like eye-pattern with jitter display and audio packages featuring Dolby® decoding to create the ideal instrument for their specific need. A further benefit is a clear upgrade path for when those needs change.

Based on the popular VTM products and featuring the same technological advances introduced in Videotek's TVM instruments, the new VTM Series will impress with its functionality offering Waveform, Vector, Gamut, Audio, Picture, Timing, and Data Analyzer screens. But that's just the beginning. Videotek's patented Q-See™ display enhances the performance of this instrument when viewed on any common XGA monitor.

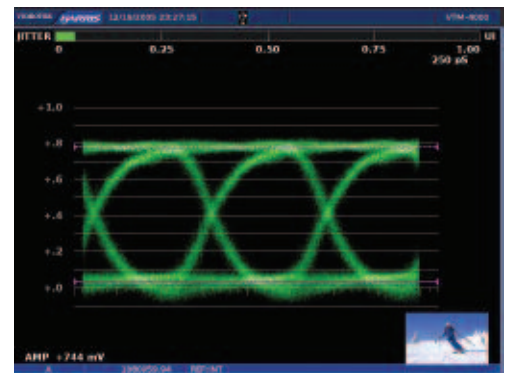
The VTM Series is also loaded with features designed to enhance the user's experience: illuminated controls, simple and intuitive navigation and a compact 1-RU console. Favorite display configurations are instantly recalled using the assignable one-touch presets.

Whether customized with specially selected options or preconfigured by Videotek's experts, the VTM Series is the optimal choice for any facility.

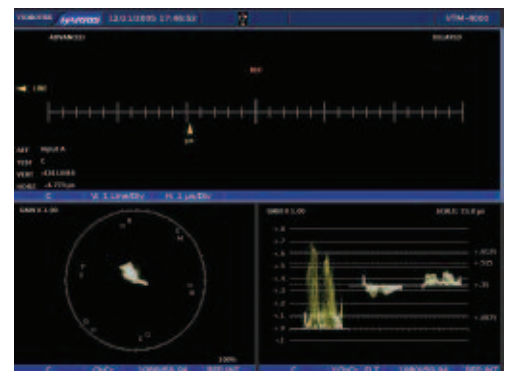
VTM Series Display Versatility Featuring Q-See™ Display Technology



Vector and Waveform Display of HD and SD signals.



HD Eye Pattern Waveform and Jitter Display with Amplitude Cursors and Picture Thumbnail.



MULTI Mode Display showing Relative Timing with Waveform and Vector.



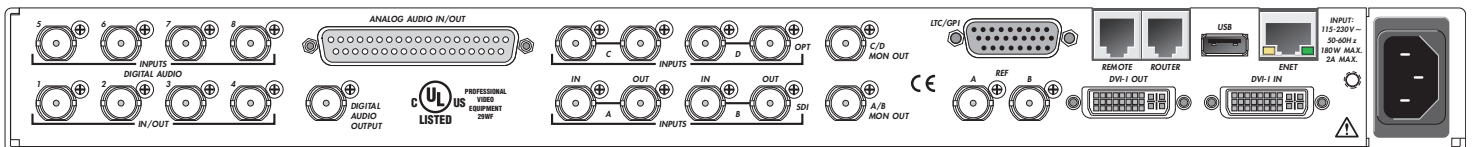
Example SETUP Menu Navigation

The VTM Series console provides easy configuration via direct access-to-display functions, selectable screen location and context-sensitive pop-up menus. The intuitive navigation system enables easy access to all functions for even the most inexperienced users.



Q-See™, Videotek's patented display technology, enables users to configure their screen for any specific need. Whether full-screen, quadrant with picture thumbnail, or the convenient MULTI mode, Q-See can make it happen. Choose from waveform, vector, gamut, audio, picture and timing displays, and place each in any quadrant on the screen.

Q-See is just one more way the VTM Series proves it is the most versatile instrument in its class. When equipped with the proper input options, the VTM Series can output four different waveforms to the Q-See display, from four distinct signals - in essence, handling a job that used to require four separate monitoring instruments.



VTM Series Console

Features

- User Configurable Hardware
- Display engine flexibility
- Dual auto detecting inputs for HD/SD-SDI, SD-SDI, or Analog Composite
- Standards: SMPTE-292M, SMPTE-259M-C, NTSC/PAL
- Supports 4:2:2 and 4:4:4 (Dual Link, Y Cb Cr) Formats
- Multiple Reference Inputs
- Capability of displaying up to four different inputs simultaneously
- Customizable display functions, screen location, multiple displays
- Video Relative Timing display
- Patented Gamut display
- Pixel locator/Data Word Analyzer
- Picture Thumbnail
- A/B Parade and Overlay
- 608, 708 Closed Caption detect, alarm, display
- Comprehensive Alarm set, Peak Level Report
- 16 direct-access user presets
- Illuminated controls and indicators
- DVI-I output
- USB ports front and back for data transfer and mouse operation
- By-pass function enable
- 10/100BaseT Ethernet, SNMP agent, Web Server, SpyderWeb II
- GPI and Router control

Options

- Selectable Graphic Display Engines
- Display capability of one input source at a time
- Display capability of up to four input sources at a time

Selectable Video Input Modules

- Dual HD/SD-SDI Input
- Dual HD/SD-SDI Input with Eye Pattern
- Dual SD-SDI Input with Eye Pattern
- Dual Composite Analog Input (NTSC/PAL)

Selectable A³, Advanced Audio Analysis

- Meter and monitor up to eight channels of Analog, AES/EBU and Embedded
- Dolby® Digital, Dolby® Surround EX™, Dolby® E, Pro-Logic I formats
- Dolby® decoded outputs
- "Loudness" metering and alarm
- Multiple audio Lissajous display

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