



### APPLICATIONS

- Medical
- Scientific Timing
- Experiments
- Elapsed Timing for Sporting Events
- Advanced Security
- Quality Control and Industrial Monitoring

**PRECISE TIMING:** The VSC300 stop clock may be stopped, started, or have the display frozen down to 1/10,000 of a second.

**ADVANCED SPLIT FUNCTIONS:** The menu system allows very flexible settings of how each switch and remote input operate. This allows settings like split and Taylor to be easily implemented.

**VIDEO FRAME COUNTING:** The VSC300 can also count or number video frames from the source video input. This allows a precise method of locating a specific frame such as in scientific experiments.

**COLOR DISPLAY (NTSC only):** The on screen stop clock text can be set to one of eight colors for the characters (8 shades of gray in PAL mode). In addition, the character background may be set to one of eight colors for better contrast or can be transparent for minimal impact.

**RECORDABLE CHARACTERS:** The character set of the VSC300 is very well defined (each character is formed in a 16x20 pixel cell) which allows it to be easily recorded with excellent viewing quality.

**FLEXIBLE CONNECTIONS:** The VSC300 will operate with composite or S-video inputs. The output type will be the same as the input. NTSC and PAL video standards are automatically detected.

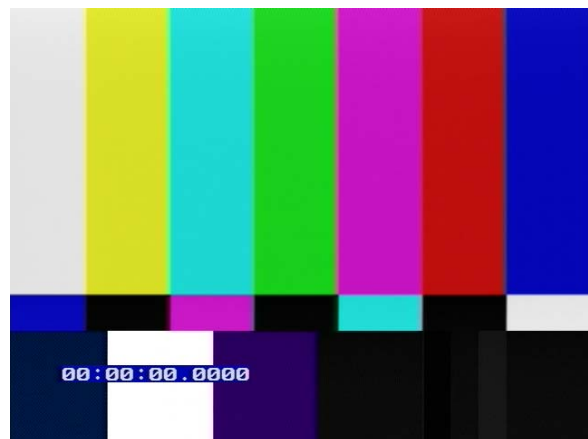
### FEATURES

- Timing accuracy to 1/10,000 second
- Advanced split capabilities
- Video frame counting capability
- Eight colors for time display
- Selectable character background for better readability
- Character background may be eight colors or transparent
- Display position can be moved anywhere on screen
- Easy to navigate menus for setup
- Characters record well onto tape or digital recorders
- Timing display may be easily turned off or on
- Flexible stop clock wired remote interface
- Test signal generator built in
- Operates with composite, S-Video and B&W signals
- Operates with NTSC or PAL video sources
- Rack Mount Option Available
- Can operate from +12VDC for mobile applications

**REMOTE CAPABILITES:** The VSC300 features a flexible wired remote control port. This can be configured for a variety of applications and can be connected to standard switches or contact closures. It may also be connected to relays, industrial controllers, opto-isolators and TTL/LVTTL logic. Each input is programmable for active logic level.

**BOARD AND CUSTOM PRODUCTS:** MicroImage Video Systems offers many of its products, such as the VSC300, as board level for OEM applications. We can create units and boards with custom features.

**MORE INFORMATION?** Additional product information, specifications, user manuals and application notes are available on our website, including the latest available features.



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Prices and specifications are subject to change without notice

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