

**VP401— A VideoPro Multimedia Video Generator with multiple signal types and formats needed for testing, troubleshooting and professionally calibrating video displays.**

It's portable so you can take the VP401 anywhere to test and calibrate displays.



**VP401 VideoPro Multimedia Video Generator Features:**

- Provides all signal types including RGB, video, Y/C, YPbPr component for testing any video display, including new LCD and plasma panels
- Provides selectable resolution formats (640 x 480, 800 x 600, etc.) to test all video displays
- Provides DVI (Digital Visual Interface) signal output for testing the LCD displays with DVI inputs
- Precision Video Test patterns insure accurate focus, color, hue, convergence, deflection size, picture linearity and black level display adjustments
- Provides WINDOW Test Patterns with adjustable IRE level steps for accurate display color calibration when combined with the Sencore ColorPro
- Easily interfaces to Sencore cables to test monitors with specialized input RGB connections
- Handheld, portable, battery operated for on-the-site troubleshooting applications and quickly diagnosing problems to the display or video circuits

# VP401 Specifications

### Video Formats

SDTV/HDTV: 480i, 480p / 720p, 1080i, 1080p  
 NTSC/PAL: Standard NTSC, Standard PAL  
 Vesa/Mac: 38 standard formats from 640x350 to 1920x1024  
 Format Storage: 100 total

### Video Outputs

SDTV/HDTV: YPbPr, RGB, DVI  
 NTSC/PAL: Composite, S-Video, RGB  
 Vesa/Mac: RGB, DVI

### Horizontal Timing

Frequency: 1.5 kHz—250 kHz  
 Active pixels: 16 to 4094 pixels

### Vertical Timing

Frequency: 1 Hz—1 kHz  
 Active lines: 1—4095 lines  
 Scan Types: Progressive, Interlace

### Audio Output

Channels: Two, 1kHz (left), 2kHz (right)  
 Connector: 3.5mm stereo phone jack

### Patterns

SMPTE Bar, Staircase, H\_Stair, Pluge, Needle, HiLoTrk, Overscan, Sharpness, Window1, Window2, Raster, DecodAdj, DecodChk, ColorBar, Crosshatch, Converge, Linearity, Anamorphic, Regulate, Checker, Multiburst, Focus, Ramp

### Power

Battery: 6 internal AA NiMh rechargeable  
 Use time: 8 hours with NiMh  
 AC: 12V Regulated Charger/Adapter  
 Recharge: 8 hours

### Weight & Size: (unpacked, w supplied batteries)

VP401: 22 oz., 6 x 8.25 x 2 in.



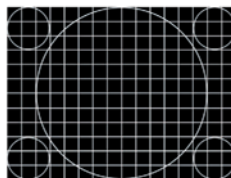
### VideoPro Sample Patterns



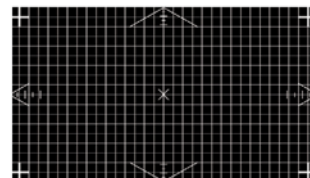
Pluge



Decode Adjust



Linearity



Overscan (16:9 shown)

### VideoPro Product Family

Outputs	Multimedia Video Generators			
	400	401	403	403C
Composite	X	X	X	X
S-Video	X	X	X	X
VESA/MAC RGB	X	X	X	X
Component SDTV/HDTV	X	X	X	X
DVI		X	X	X
NTSC-RF			X	X
ATSC-RF			X	X
ATSC-RF Video Clips & Photo Images				X

### VP401 Supplied Accessories

- DVI-I to DVI-I 6 ft. cable
- DVI-I to 5 BNC 6 ft. cable
- DVI-A to VGA HD-15F adapter
- S-Video 6 ft. cable
- Coaxial BNC to BNC 6 ft. cable
- BNC to RCA Phono adapters (5)

