

Portable Video Generators for Testing and Calibrating ALL types of Medical Video Displays



Take the VideoPro anywhere in the hospital to test & calibrate medical displays

VP401 / VP400SH / VP401SH 'VideoPro' Features:

- Delivers the signals and formats you need for testing, calibrating and servicing any medical display.
- Provides DVI and/or SDI/HDSI for testing and calibrating medical displays with digital inputs (VP401SH includes both DVI and SDI/HDSI output).
- Also provides Component video, S-Video, Composite Video, and Computer Monitor Signals for testing all analog display inputs.
- The PLUGE video pattern lets you accurately set black level on medical displays, whether used in "video" (OR) or for "imaging" (PACS).
- Adjustable IRE levels let you test and calibrate displays at any of 100 levels of gray.
- Other standard and custom test patterns help you accurately adjust color, linearity, and convergence.
- Handheld, portable and battery-operated design lets you test and calibrate displays everywhere in the medical facility.

Call Today! 1-800-736-2673 or 1-605-339-0100

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Sioux Falls, SD 57107
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SENCORE

VP401/VP401SH 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
 Gray Levels/Colors displayed: 16/16

SDI: SMPTE 292M, 10 bit 1.485 Gb/s
 Formats: 525i (720x486@59.94) ITU-R/BT.601-4
 625i (720x576@50i) ITU-R/BT.601-4

HDSDI: SMPTE 259M, 10 bit 270 Mb/s
 Formats: 720p @60, 59.94, 50 Hz
 1080i, 1080p @30, 29.97, 25, 24, 23.98 Hz

Power

Battery: 6 internal AA NiMh Rechargeable Batteries
 Use time: 8 hours with NiMh
 AC: 12V Regulated Charger/Adapter, 48 to 66 Hz,
 86 - 250 VAC (auto)
 Recharge: 8 hours

Weight & Size (unpacked, w/supplied batteries)
 VP401: 22 oz., 6 x 8.25 x 2 in.

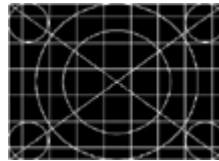
VideoPro Sample Patterns



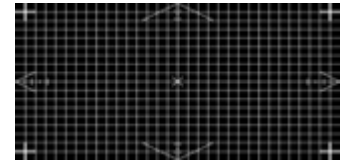
Pluge



Decoder Adjust



Linearity



Overscan (16:9 shown)

VP401SH



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)

VP400/VP401 Product Family

Outputs	VP400/401 Video Generator			
	400	401	400SH	401SH
Composite	X	X	X	X
S-Video	X	X	X	X
Computer Monitor	X	X	X	X
Component SDTV/HDTV	X	X	X	X
DVI		X		X
SDI/HDSDI			X	X

* VP403 products also available

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