

The Portable Video Generator for Testing and Calibrating All Display Types in All Operating Modes



VP403 'VideoPro' Features:

- Delivers the signals and formats you need for testing, calibrating and servicing any display type.
- Provides the **ATSC RF** output for quick and accurate testing and calibration of HDTV displays with integrated HD tuners.
- Provides **DVI** output for testing and calibrating video displays with DVI inputs.
- Also provides **Composite Video, S-Video, Component Video** and **Computer Monitor Signals** for testing all display inputs.
- Selectable video formats (such as 1080i and 720p HDTV) help you test the display in all operating modes.
- Generates innovative patterns for determining a video display's performance and making quick adjustments, including **Circles, Pluge, and Color Decode Check and Adjust**.
- Handheld, portable, battery operated lets you test and calibrate video displays wherever the job takes you.

Call 1-800-SENCORE

(736-2673)

VP403 "VideoPro" Multimedia Video Generator

Key Specifications

Video Formats

SDTV/HDTV: 480i, 480p / 720p, 1080i, 1080p
 NTSC/PAL: Standard NTSC, Standard PAL
 Vesa/Mac: 38 standard formats from 640x480 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

NTSC RF Channel Output

Channels: 2, 3, 4, 6
 Carrier Level: 10 dBmV \pm 3 dBmV
 Carrier Accuracy: \pm 50 kHz

ATSC RF Channel Output

Channels: 2-4, 7-10, 30-32
 Carrier Level: 5 dBmV \pm 5 dBmV
 MER: >29

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, Color-Bar, Crosshatch, Converge, Linearity, Anamorphic, Regulate, Checker, Multiburst, Focus, Ramp

Gray Levels/Colors displayed: 16/16

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)
 VP403C: 2.0 lbs, 6 x 8.25 x 2.875 in.



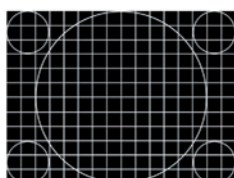
'VideoPro' Innovative Patterns



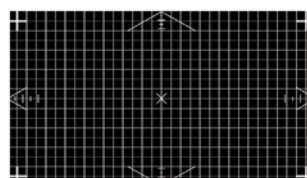
Pluge



Decode Adjust



Linearity



Overscan (16:9 shown)

VP403 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
- Coaxial RF "F" to RF "F" 6 ft. cable
- BNC to RCA Phono adapters (5)

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

Call 1-800-SENCORE

(Outside the US) 605-339-0100

Visit our website at www.sencore.com

email: sales@sencore.com

Form7356A