

AG2 DIGITAL TEST SIGNAL GENERATOR



SPECIFICATIONS

Input Signals

Video

Genlock Input 75Ω BNC Loop-thru
Genlock Range $\pm 5\mu\text{s}$

Output Signals

Video

Video Resolution 10 bit
Video Output 75Ω BNC and Y/C
Sync Output 2 fix outputs and
4 configuration outputs
Test Signal Output 1 Composite, 1 SDI.
1 configurable and 1 Y/C

SMPTE 259M

SDI Jitter Less than 600 ps

Audio

Audio Output +4 dBu XLR and AES/EBU

Physical

Size 19" X 1-3/4" X 11-1/4"
Power 30w
Weight 7 lbs.
Ambient Temperature 10°C -40°C Operating
Rack mountable

Model

AG2	10 bit Analog 12 patterns including 75% Color Bars, 100% Color Bar, Pulse Bar, Line Sweep, Ramp, Modulated Ramp, 5 Steps, Modulated 5 Steps, Window, Multi-burst, Convergence, Bounce, Two Black burst, audio and Y/C output.
AG2-A (Analog)	Analog 12 patterns including 75% Color Bar, 100% Color Bar, Pulse Bar, Line sweep, Ramp, Modulated Ramp, 5 Steps, Modulated 5 Steps, Window, Multi-burst, Convergence, Bounce, Gen-Lock, Black Burst, sub-carrier, Composite Sync, Composite Blanking, Vertical Sync, Burst Flag, Horizontal Sync, Frame Pulse, PAL Flag, two black Burst, Audio Output, RS232, Y/C Output and Station I.D.
AG2-AD	AG2-A plus Embedded SDI Output and separate (Analog & Digital) AES/EBU Audio Output, Simultaneous Analog and Digital Output and Station I.D.
AG2-D (Digital)	SDI 12 patterns including 75% Color Bar, 100% Color Bar, Pulse Bar, Line Sweep, Ramp, 5 Steps, Modulated 5 Steps, Window, Multi-burst, Convergence, Bounce, Genlockable, RS232, Embedded SDI Output and separate AES/EBU Audio Output and Station I.D.
Option 1:	Accurate 3.58 MHz or 4.43 MHz $\pm 1\text{Hz}$. (this option is available for all AG2 Models)

Specifications are subject to change without notice.