Sx Instrument Comparison

PHABRIX®
A Leader Company

Description	TAG	SxA	SxD	SxE
Analyzer/Generator/Monitor combined	●	●	●	●
Display 480 x 272 pixels auto scaling 16:9 24 bit TFT 95 x 54mm display	●	●	●	●
3G-SDI, HD-SDI, SD-SDI as standard (3G-SDI available as an option on the TAG)	O	●	●	●
Video				
SDI Output 1 x 75 Ohm BNC	N/A	●	●	●
SDI Input 1 x 75 Ohm BNC	N/A	●	●	●
SDI Input/output selectable 1 x 75 Ohm BNC	●	N/A	N/A	N/A
Composite analog in (PAL/NTSC) 1 x 75 Ohm	●	N/A	N/A	N/A
Composite analog out (PAL/NTSC) 1 x 75 Ohm BNC	●	N/A	N/A	N/A
Dual Link output 2 x 75 Ohm BNC	N/A	N/A	●	N/A
Dual Link input 2 x 75 Ohm BNC	N/A	N/A	●	N/A
Genlock Bi/Tri/SDI with cross lock	●	●	●	●
Reference Generator	●	N/A	N/A	N/A
Reference View	●	N/A	N/A	N/A
Text ident/Logo ident	●	●	●	●
EDH checking (SD-SDI) - CRC checking	●	●	●	●
Video Test SIgnals - 10 bits	●	●	●	●
Video Test SIgnals - 12 bits, RGB 4:4:4	O	O	●	O
Static test patterns 35 - Bouncing Box - Moving zone plate - A/V delay - User defined DPX, YUV, TGA, BMP	●	●	●	●
SMPTE formats supported	●	●	●	●
Video timing Offset line - pixel - range	●	●	●	●
Physical layer measurements				
Automated measurement - Eye amp, Rise/Fall time, Delta, Rise/Fall Overshoot	N/A	N/A	N/A	●
Jitter thermometers alignment, timing	N/A	N/A	N/A	●
Eye bit rates 3Gbps, 1.485Gbps, 270Mbps	N/A	N/A	N/A	●
Audio				
Generator/Monitor 48kHz 20-bit (SD-SDI) 24-bit (HD/3G-SDI)	●	●	●	●
Stereo balanced analog audio I/O (via 26 pin high density 'D' type socket)	●	N/A	N/A	N/A
16 channel embedded audio	●	●	●	●
AES output 1 x 75 Ohm BNC	N/A	●	N/A	●
AES input 1 x 75 Ohm BNC	N/A	●	N/A	●
AES/GPI input/output (via 26 pin high density 'D' type socket)	●	N/A	N/A	N/A
Test signal fixed tones 16	●	●	●	●
Test signal variable tones 1 Hz-24Khz in 1 Hz steps	●	●	●	●
Test signal white noise generation	●	●	●	●
Audio levels variable 0 to -100dB in 1dB steps	●	●	●	●
Audio phase invert	●	●	●	●
Dolby E/D/D plus present indication x 8 pairs	O	O	O	O
Internal speaker 0.5 watts	●	●	●	●
Audio DAC 24 bit stereo	●	●	●	●
Headphone socket 3.5mm	●	●	●	●
Logging				
Eye and Jitter & Export Log	N/A	N/A	N/A	●
SDI Signal & Export Log	●	●	●	●
AES & Export Log	●	●	N/A	●
SFP				
Optical/Copper/HDMI -Tx/Rx	O	N/A	N/A	N/A
IP SMPTE 2110 & 2022-6 Tx/Rx	O	N/A	N/A	N/A
General				
Internal Battery supply - Lithium Polymer	Up to 2 hours	Up to 2 hours	Up to 2 hours	Up to 2 hours
Internal storage 8Gb	●	●	●	●
Remote Control - web browser interface - Ethernet 10/100 BASE T	●	●	●	●
Battery Replacement Service Available	●	●	●	●
AC power supply included (universal) + Carry Case	●	●	●	●
1 year manufacturers warranty - 3 & 5 year extended warranty options available	●	●	●	●
Size H:92mm, W:225mm, D:42mm, Weight 0.9 kgs including integral battery	●	●	●	●

● Standard   O Optional