

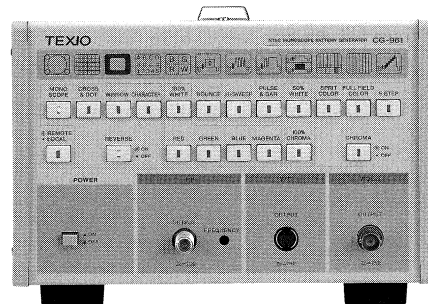
Color Pattern Generators

CG Series

CG-961 (NTSC) Monoscope Pattern Generator

- 1000 TV Line Monoscope pattern
- RGB output and Y/C isolated output
- H sweep and Pulse-bar signal
- RF output
- GP-IB factory option

Pattern	
Monoscope	Horizontal resolution of 1,000 TV lines
Cross & Dot	Cross hatch:20x16, Dot:19x15
Window	0.5x0.5
Characters	94x24 characters or 47x24 characters
Raster	100% white, 50% white, 100% chroma, R,G,B,Mg
Bounce	Alternates between white and black in once per second (approx.)
H Sweep	250kHz- 5MHz, with marker
Pulse & Bar	12.5T modulation pulse, 2T pulse, Bar
Split Color Bar	Conforming SMPTE
Full-field Color Bar	Color bar in brightness order
5-step	Chroma ON/OFF selectable
REVERSE	Negative inversion of Mono-Scope, Cross&Dot, Wind, Characters
CHROMA	ON/OFF selectable for Color Bar, 5-step

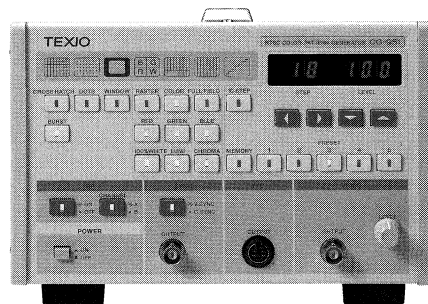


GP-IB
STANDARD

CG-951 (NTSC) Color Pattern Generator

- Equipped with a variable 10-step staircase
- RGB output and Y/C isolated output are equipped as standard.
- Nine types of raster patterns can be selected.
- Two types of color bars are provided.
- RF output option

Pattern	
Cross-hatch	20(V)x16(H), white on black background, dot on the center, corner marker on the top left of screen.
Dot	20(V)x16(H), white on black background, corner marker on the top left of screen.
Window	0.5x0.5, white on black background.
Raster	100% white, 75% white, yellow, cyan, green, magenta, red, blue, black.
Color	Split-field color bars x 7 colors.
Full-field	Full-field color Bars in order of luminance x 8 colors.
10-step	Full-field 10-step bars. Level resolution 100, up to 5 patterns can be preset.
R/G/B	independent ON/OFF of R, G and B in color signals.
LUMI	ON/OFF of luminance component in color signals.
CHROMA	ON/OFF of chrominance component in color signals.
100% WHITE	Switching of white part in raster and color-bar patterns between 100% white and 75% white.
BURST	ON/OFF of color burst component in all patterns.

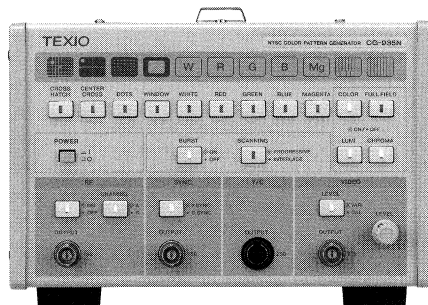


CE

CG-935N (NTSC) / CG-935P (PAL) Color Pattern Generator

- S output
- RF output
- Sync signal output
- Luminance and chrominance ON/OFF
- Burst signal ON/OFF
- Interlaced and progressive scanning

Pattern	
Crosshatch	20(V) x 16(H), white on black background, dot at screen center, corner marker at upper left corner
Center-cross	1(V) x 1(H), white on black background, cross at screen center, corner marker at upper left corner
Dot	19(V) x 15(H), white on black background
Window	0.5 x 0.5, white on black background
Raster	100% white, green, red, blue and magenta
Color	Split-field color bars in conformity to SMPTE (CG-935N)
Full field	Full-field color bars with black color
LUMI	ON/OFF of luminance component in color signals.
CHROMA	ON/OFF of chrominance component in color signals.
BURST	ON/OFF of color burst component in all patterns.



CE

CG-961/951/935N/ Specifications

Model	CG-961(NTSC)	CG-951 (NTSC)	CG-935N (NTSC)/CG-935P(PAL)
Power requirements	100 to 240 V AC $\pm 10\%$, 50/60Hz, approx. 15W	100/120/220/230V AC $\pm 10\%$, 50/60Hz approx. 28W	100 to 240 V AC $\pm 10\%$, 50/60Hz, approx. 15W
Dimensions	212 (W) x 133 (H) x 272(D)mm		
Weight	Approx. 3.8kg	Approx. 5.3kg	Approx 3.5kg