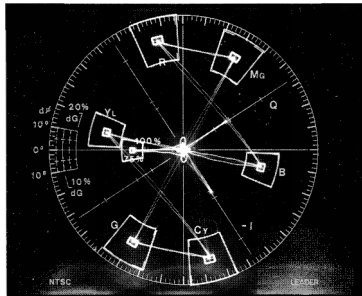


NTSC VECTORSCOPE

- *Two Channels Plus EXT REF*
- *EXT REF Accepts Composite Video, Black Burst or CW Subcarrier*
- *Accepts Line-Select Strobe*
- *Electronic Scale Shows Error Limits*
- *No Parallax Error*
- *Fits Half-Rack Adapter*



Electronically-generated graticule (scale) gives an across-the-room indication of vector error that is parallax free and immune to centering error.



Model 5850C

The perfect mate for the Model 5860C Waveform Monitor, the 5850C Vectorscope extends monitoring and timing adjustments into chroma aspects. The unit accepts a phase reference from either input (A or B) or from an external reference. The latter may be composite video, black burst or CW subcarrier. A unique feature of the 5850C is an electronically-generated scale of coarse and fine error limits for either 75% or 100% color bars. These "targets" allow precise adjustments from relatively large viewing distances and eliminate the need for fussy centering adjustments. The illuminated internal graticule facilitates differential gain and phase measurements. An unblanking input jack on the rear panel accepts a strobe signal from waveform monitors equipped for line-select operation for vector display of selected lines.

KEY SPECIFICATIONS

CRT	Black Burst	Amplitude
Accelerating Potential	0.43 V p-p \pm 6 dB	0.286 V p-p \pm 6 dB
12 kV/2 kV	Impedance	Phase Adjustment Range
Area	10 k Ω	360°
8 x 10 cm	Connectors	POWER REQUIREMENTS
Graticule	BNC, loop-through	100, 120, 220, 240 V ac \pm 10%
Internal with electronically generated error limits, referenced to EIA standard RS-189A color bars	CHROMINANCE	50/60 Hz, 40 VA
COMPOSITE VIDEO INPUTS	Bandwidth	PHYSICAL
2 Channels	3.579545 MHz \pm 500 kHz	Size (W x H x D)
CH-A and CH-B switchable	Accuracy	8 1/2 x 5 1/4 x 16 7/8 in.
Sensitivity	Phase: \pm 2°	215 x 132 x 428 mm
1.24 V p-p full scale, continuously variable from 2V p-p to 0.5 V p-p	Amplitude: \pm 3%	Weight
Connectors	Differential Phase	16 lbs., 7.3 kg
BNC, loop-through	\pm 1°	Operating Temperature
Impedance	Differential Gain	0 to 40°C
2 M Ω	\pm 1%	SUPPLIED ACCESSORIES
Amplitude	VECTOR DISPLAY	Protective Metal Cabinet with Handle and Feet
100% or 75% (switchable)	NTSC	2 Rackmount Screws (8-30 UNC)
EXTERNAL REFERENCE	SYNCHRONIZATION	Spare Fuse
Subcarrier	Horizontal Source	AVAILABLE OPTIONS
2 V p-p \pm 6 dB	Horizontal sync signal of composite video input	Rackmount Adapter (LR-2400AD)
	Subcarrier Capture Range	Protective Front Cover (LC-2077)
	3.579545 MHz \pm 50 Hz	Viewing Hood (LH-2015)
		PAL Version (5851V)