

Colorado Video

"Unique Video Instrumentation"

video waveform display generator 303

general description

The Model 303 generates a waveform display of the intensity underlying a vertical cursor within a video image. This function provides consistent, objective, measurement of the brightness of selected features in an image. The waveform, similar to an oscilloscope trace in appearance, is superimposed on the left side of the video image. Positions along the Y (vertical) axis correspond with positions under the cursor. The X (horizontal) axis represents amplitude (intensity) increasing from left to right.

The video image underlying the waveform display area can be presented normally, with the waveform superimposed, or blanked, so that the waveform is displayed against a black background.

The cursor is shown as a white vertical line and can be positioned anywhere within 90% of the image by front panel control.

specifications

Size:	1 2/3" X 8" X 11"
Weight:	3 lbs
Mounting:	Free standing (1 3/4" X 19" rack mount optional)
Power:	117/220VAC, 50/60 Hz, 5VA
Inputs:	Video, composite, 1 Vp-p, 75 Ω 525 line RS-170 (625 line CCIR optional)
Output:	Video, composite, 1 V p-p, 75 Ω
Controls:	Front Panel: Power: On/Off Cursor Position Background Waveform Gain Waveform Offset (screwdriver adjust) Rear Panel: Video In: Hi-Z/75 Ω Internal: Vertical Blanking Adjustments
Indicators:	Power On
Connectors:	BNC

Specifications subject to change without notice.

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