

# S-1044

VHF + IF

## FEATURES

- 38.9MHz Xtal Output
- Video Output
- 5.5MHz Sound Output
- 75 dB Attenuator
- V-H Sync Output
- Ext Audio Input
- Rhombus Pattern

# COLOR PATTERN GENERATOR



**S-1044** Color Pattern Generator is an ideal Test Instrument suited for Service, Production and Educational use.

## Characteristics

### TEST PATTERNS

- 1) 8 Color Bars
- 2) Linearity: A Rhombic pattern can be inserted in all patterns, with a correct aspect ratio of 4:3 useful for adjusting height, width and linearity.
- 3) Checker Board
- 4) Crosshatch
- 5) Dots
- 6) White
- 7) Red
- 8) Blue
- 9) Green
- 10) Magenta
- 11) Cyan
- 12) Yellow
- 13) Black
- 14) Decoder

### OUTPUTS

**RF** - CH 4 and CH 5 to CH 12  
**IF** - All patterns are available modulated on IF carrier. The 38.9MHz is Xtal derived. This is extremely useful for color adjustments.

**RF/IF Output Voltage** - 10mV or higher

**Attenuator** - 75dB in 5 steps of 3 x -20dB, -10dB and -5dB

for IF and CH4.

**Video** - 1 V p-p approx into 75 ohms

**Sound** - 5.5 MHz carrier with 1 KHz modulation ON/OFF

**Trig Outputs** - Line and Frame frequencies

**Ext Audio Input** - 100Hz to 6KHz approx

**Sync** - Line Freq: 15625 Hz Xtal derived, Frame 312

**Chroma Section** - System PAL 4.433619 MHz Xtal derived

**Color Burst** - 10 cycles  $\pm$ 1cycle

**Chroma** - ON/OFF

Dimensions - 200mm(W), 85mm(H), 290mm(D) approx  
Accessories - Operating Manual, Cable

Remarks: All accuracies specified at 25deg C ambient, 230V mains, 50Hz with instrument grounded - after warmup of 30 min. Specifications, illustrations and price change privileges reserved.



**SIGNET**

Measurable Quality

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