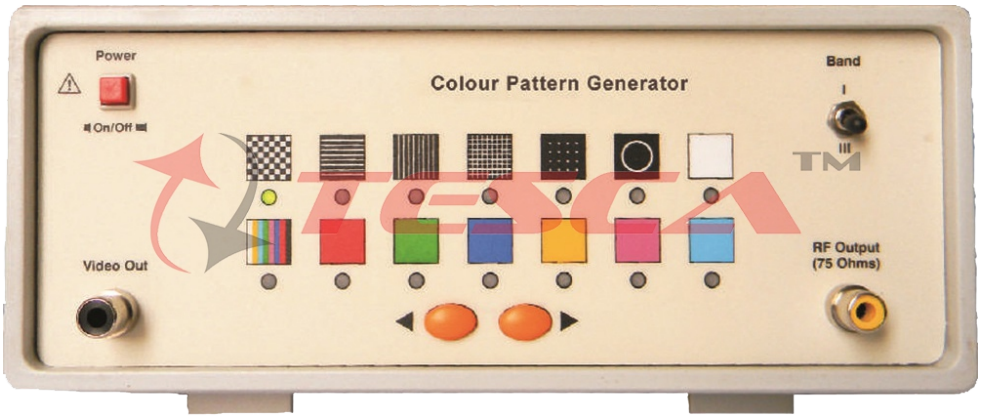

16913A Colour pattern Generator is designed for educational and service use. 14 Test patterns normally required for monochrome & colour TV installations can be easily selected.
16913A generates patterns and multicolour bars. Patterns provide video and RF modulated signals for alignment. Colour bars are used for colour settings. Horizontal line, vertical line & circle patterns are used for Raster, Geometrically and Linearly adjustments. White pattern is used for white balancing. 16913A provides fixed composite video signals which helps the students for easy analysis.

Features

1. Auto generated composite video signal
2. Standard & stable colour composite video signal
3. 14 standard patterns : Check pattern, Horizontal bar pattern, Vertical bar pattern, Horizontal-Vertical Bar pattern, Dot pattern, Circle pattern, White pattern, Colour Bar pattern, Red colour pattern, Green colour pattern, Blue colour pattern, Yellow colour pattern, Magenta colour pattern, Cyan colour pattern one at a time
4. Manual output selection for band I & III
5. 2 Year Warranty

Technical Specifications

- Check pattem,
- Horizontal bar pattern,
- Vertical Par pattern,
- Horizontal-Vertical Bar pattern,
- Dot Pattern,
- Circle Pattern,
- White Pattern,
- Colour Bar pattern,
- Red Bar pattern,
- Green Bar pattern,
- Blue Bar pattern,
- Yellow Bar pattern,
- Magenta Bar pattern,
- Cyan Bar pattern,
- One at a Time

Test Signals

- Vertical bar pattern
- Horizontal bar pattern
- Circle Pattern
- 100% White Pattern
- Decoder

Video carrier

- Lower VHF band I : 41-68 MHz
- Upper VHF band III : 174-230 MHz

RF output

- 100 mV p-p (75 Ohm impedance)

All patterns are available modulated on IF carrier. The 38.9MHz is crystal derived. This is extremely useful for color adjustments.

Sound	:	1 KHz Sine Wave
Chroma Section	:	System PAL 4.433619 MHz crystal derived
Color Burst	:	10 cycles ± 2 cycle
Power Supply	:	220/110V ,50 Hz /60 Hz on request
Power consumption	:	5.9 VA (approx)
0 Operating Conditions	:	0-40 C, 85% RH

Note: Specifications are subject to change.

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