

THE EASY WAY TO TEST LEDs.

The Feasa LED Analyser allows fast and automatic testing for both the Color and Brightness (Intensity) of Light Emitting Devices (LEDs).

The Analyser is fast, low cost, easy to use, tests up to 20 LEDs simultaneously and exhibits excellent discrimination between different colors.

The Feasa Analyser provides a very economical solution for your LED Testing needs.



The LED Analyser is used in the following applications:

- General Lighting
- Entertainment and Decorative Lighting
- Architectural Lighting
- Signs and Displays
- Automotive
- Mobile Appliances and Cellphones
- Signals
- Industrial and Medical
- Backlighting and Projection
- LCDs and TFT Displays

FEATURES

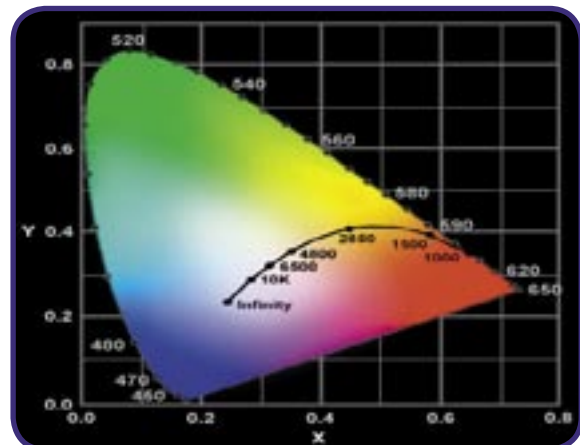
- Test up to 20 Leds Simultaneously
- Test Standard, High and Low Brightness Leds
- Test 7 segment display
- Functional and Incircuit Test
- Test White Leds
- Uses Flexible Plastic optic fibers for ease of installation
- Low intensity testing.

BENEFITS

- Fast and accurate LED Color and Intensity Measurement
- Test up to 20 LEDS in < 1 second
- Low Cost
- Simple setup and easy to use
- No operator intervention required

ADDITIONAL INFORMATION

- Easy to Program
- Models available for different LED intensities.
- Free Software for Functional Test, Agilent 3070 and Genrad Tester
- Full Technical support provided
- Excellent Repeatability



THE EASY WAY TO TEST LEADS.

SPECIFICATIONS

Physical

- Board Dimensions 45mm x 116mm x 30mm (W x L x H)
- Fiber Length 0.6m
- Fiber Diameter 1.0mm
- Number of Fibers 5, 10 or 20
- Operating Temperature Range 0°C to +70°C

Electrical

- Supply Voltage 5.0V
- Supply Current 150 mA
- Serial Interface RS232 115,200 baud
- USB Interface Using optional Serial to USB Adapter
- Parallel Interface 5 Address, 1 Data, 2 Handshaking
- Output Data Format (Functional) Intensity
PGB
Hue & Saturation
XY Chromaticity
Wavelength
- Output Data Format (ICT) Hue (Frequency)
Intensity (Frequency)

Optical

- Red Peak Efficiency Wavelength 610 nm
- Green Peak Efficiency Wavelength 540 nm
- Blue Peak Efficiency Wavelength 480 nm
- Total Operating Wavelength Range: 420 nm to 650 nm for color
Infra-Red detection up to 950nm

Accuracy

- White $x = \pm 0.15, y = \pm 0.15$
- Red (630nm) $\pm 4\text{nm}$
- Green (540nm) $\pm 6\text{nm}$
- Blue (470nm) $\pm 4\text{nm}$

