



FEASA™ LED ANALYSER

2 & 3 CHANNEL INCIRCUIT TEST MODELS

The Best Product for Testing LED's

- Tests the Full Spectrum of Visible LED's from very dim to the brightest available.
- Unrivalled repeatability for Color and Intensity testing.
- Easy to operate using the serial or In-Circuit Test (ICT) interface.



If you demand repeatable Color and Intensity readings with ease of use, take a look at the world's best product for testing LED's.

With this new innovative product Feasa has addressed the issues of Bin Coding, Tri-Color LED's, and Intensity Stability.

When LED Testing is critical to the success of your product – The Feasa LED Analyser in conjunction with the Feasa Optical Head is your only choice.

KEY FEATURES

- Available in 2 or 3 Channel Models
- Test up to 3 LED's simultaneously on an InCircuit Test Platform (Functional Version is also available)
- Each Channel Programmed Independently
- Tests the full spectrum of visible LED's (Including white, Bicolor, Tricolor and Pulse Width Modulated LED's (PWM))
- Optical Heads included for Intensity Stability.
- Unrivalled repeatability for color and intensity readings
- Excellent Technical Support.
- Supplied with Software, Drivers & Fibers as Standard.
- ICT Interface with 3 output frequencies Per Channel
- Robust and Reliable design.
- Uses flexible plastic Optical Fibers for ease of installation
- Fast Worldwide Distribution

APPLICATIONS

- Automotive – Dashboard / Brake Lights / Daytime Running Lights / Interior Lighting.
- Mobile Applications – Cell Phones, Back Lighting
- LED T.V.
- Industrial and Medical Instruments
- Signalling
- Architectural Lighting



Feasa

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April 2010



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Specifications

Optical

Red Peak Efficiency Wavelength	615 nm
Green Peak Efficiency Wavelength	540 nm
Blue Peak Efficiency Wavelength	465 nm
Total Operating Wavelength Range:	450 nm to 650 nm

Electrical

Supply Voltage	5.0 V
Supply Current	80 mA
Interface	ICT 10 pin connector Each LED has 3 independent frequency outputs for color / saturation* and Intensity RS232-C Compatible
Output Data Format	Intensity (Frequency): 1KHz – 100KHz Saturation* (Frequency): 1KHz – 100KHz Color (Frequency) : 1KHz – 100KHz Serial Digital Mode

* Saturation is the degree of whiteness emitted by a LED

Physical

Dimensions	65mm x 35mm x 30mm (W x L x H)
Fiber Length	0.6m
Fiber Diameter	1.0mm, including cladding
Number of Fibers	3
Minimum Bend Radius of Fiber	15mm
Operating Temperature Range	0°C to +50°C

Accuracy

White	$x = \pm 0.0015, y = \pm 0.0015$
Red (615nm)	$\pm 3\text{nm}$
Green (540nm)	$\pm 4\text{nm}$
Blue (465nm)	$\pm 3\text{nm}$

Ordering Information

Feasa 3 Channel LED Analyser	Part No.: Feasa 3i (Test up to 3 LEDs)
Feasa 2 Channel LED Analyser	Part No.: Feasa 2i (Test up to 2 LEDs)
Feasa Optical Head (Vertical Access)	Part No.: OH-3 (Included with Feasa 3i & 2i)
Feasa Optical Head (Side Access)	Part No.: OH-4

All LED Analysers are supplied with Software, Optical Fibers, Receptacles, Cables & Fibercutter free of charge



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