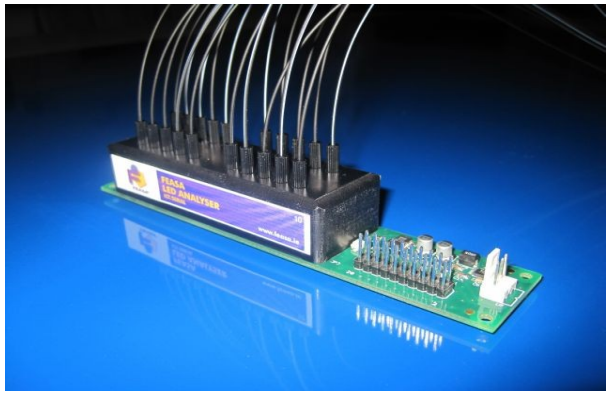
FEASA™ LED ANALYSER

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.
- The most cost effective solution for your complex LED Testing requirements.
- Tests 20 LEDs in 0.5 to 1.5 seconds depending on the frequency.



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 conjuction with the Feasa Optical Head is your only choice.

KEY FEATURES

- Available in 6, 10 & 20 Channel Models
- Test up to 20 LEDs simultaneously on any InCircuit Test Platform (Functional Models also available)
- Tests the full spectrum of visible LED's (Including white), Bicolor, Tricolor and Pulse Width Modulated LED's (PWM)
- Multiple ICT Interfaces (Freq Out, Synchronous Serial, RS232)
- Unrivalled repeatability for Color and Intensity readings.
- Excellent Technical Support.
- Supplied with Software, Drivers & Fibers as Standard
- 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

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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	120 mA
Interface	ICT 20 pin connector Addressable Channels 3 Frequencies for Color, Saturation* and Intensity High-Speed Synchronous Serial Mode (Digital) 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	140mm x 29mm x 50mm
Fiber Length	0.6m
Fiber Diameter	1.0mm, including cladding
Number of Fibers	6, 10 or 20 Fibers
Minimum Bend Radius of Fiber	15mm
Operating Temperature Range	0°C to +50°C

Accuracy

White	x = ± 0.0015, y = ± 0.0015
Red (615nm)	± 3nm
Green (540nm)	± 4nm
Blue (465nm)	± 3nm

Ordering Information

Feasa 20 Channel LED Anlayser	Part No.: Feasa 20-I (Test up to 20 LEDs)
Feasa 10 Channel LED Analyser	Part No.: Feasa 10-I (Test up to 10 LEDs)
Feasa 6 Channel LED Analyser	Part No.: Feasa 6-I (Test up to 6 LEDs)
Feasa Optical Head (Vertical Access)	Part No.: OH-3
Feasa Optical Head (Side Access)	Part No.: OH-4

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

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