



FEASA™ LED ANALYSER

FUNCTIONAL 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.
- Fast – Tests 100 LEDs for Color & Intensity in Less than 3 Seconds



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.

This innovative product addresses the issues of Bin Coding, Tri-Color LED's, High Powered 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 6, 10 & 20 Channel Models
- Test up to 20 LEDs simultaneously on any Functional Test Platform (ICT Models also available)
- Tests the full spectrum of visible LED's (including white), Bicolor, TriColor and Pulse Width Modulated LED's (PWM)
- Unrivalled repeatability for Color and Intensity readings.
- Daisy Chain connection for Multiple LED Analysers
- Excellent Technical Support
- USB and Serial (RS232) Interfaces
- Supplied with Software, Drivers & Fibers as Standard
- Robust and reliable design
- Uses Flexible plastic Optical Fibers for ease of installation.
- Fast Worldwide Delivery

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

Castletroy • Limerick • Ireland

Telephone: + 353 61 330333 - Fax : + 353 61 330452 - Website: www.feasa.ie

All Images and Content © Feasa 2010

April 2010



FEASA™ LED ANALYSER

FUNCTIONAL TEST MODELS

The Best Product for Testing LED's

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	USB RS232-C Compatible Daisy Chain Feature
Output Data Format	Intensity Saturation* Hue RGB x y u v

* Saturation is the degree of whiteness emitted by a LED

Physical

Contained in Aluminium Enclosure	
Dimensions	127mm x 57mm x 38mm
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	$x = \pm 0.0015, y = \pm 0.0015$
Red (615nm)	$\pm 3\text{nm}$
Green (540nm)	$\pm 4\text{nm}$
Blue (465nm)	$\pm 3\text{nm}$

Ordering Information

Feasa 20 Channel LED Analyser	Part No.: Feasa 20-F (Test up to 20 LEDs)
Feasa 10 Channel LED Analyser	Part No.: Feasa 10-F (Test up to 10 LEDs)
Feasa 6 Channel LED Analyser	Part No.: Feasa 6-F (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



Feasa

Castletroy • Limerick • Ireland

Telephone: + 353 61 330333 - Fax : + 353 61 330452 - Website: www.feasa.ie

All Images and Content © Feasa 2010

April 2010