



FEASA™ 20 CHANNEL LED ANALYSER

- FUNCTIONAL TEST VERSION

The Best Product for Testing LEDs on PCBs

- Tests the Full Spectrum of Visible LEDs from very dim to the brightest on the market today.
- Unrivalled repeatability for color and intensity testing.
- The most cost effective solution for your complex LED Testing requirements.



If you demand repeatable color and intensity readings with ease of use, take a look at the world's best product for testing LEDs. With this new innovative product Feasa has addressed the issues of Bin Coding, Tri Color LEDs and Intensity Stability. When LED testing is critical to the success of your product – The Feasa 20 Channel in conjunction with the Feasa Optical Head is your only choice.

KEY FEATURES

- Designed for all Functional Test Platforms
- ICT Version also available
- Tests the full spectrum of visible LEDs.
- Tests Intensity from very dim to the brightest LEDs on the market today.
- Unrivalled repeatability for color and intensity readings.
- Daisy Chain connection for Multiple LED Analysers.
- Excellent Technical Support.
- Free Drivers and Software.
- Designed for Testing Color and White LEDs.
- Tests Bicolor and Tricolor LEDs.
- RS232 and USB Interface.
- Robust and reliable design.
- Uses flexible plastic Optical Fibers for ease of installation.
- Worldwide Distribution

APPLICATIONS

- Automotive – Dashboard / Brake lights / Daytime running lights / Interior
- Mobile Applications - Cell Phones, Back Lighting
- Industrial and Medical Instruments
- Signaling
- Architectural Lighting



FEASA™ 20 CHANNEL LED ANALYSER

- FUNCTIONAL TEST VERSION

The Best Product for Testing LEDs on PCBs

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 5.0V
Supply Current 120 mA

RS232 (Serial) and USB Interface
Daisy Chain Interface

Physical

- Overall Dimensions 120mm x 54mm x 38mm
Fiber Length 0.6m
Fiber Diameter 1.0mm including cladding
Number of Fibers 20, 10
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 (630nm) $\pm 3\text{nm}$
Green (540nm) $\pm 4\text{nm}$
Blue (630nm) $\pm 3\text{nm}$

Ordering Information

- Feasa 20 Channel Functional LED Analyser Part No.: Feasa 20-F
Feasa 10 Channel Functional LED Analyser Part No.: Feasa 10-F
Feasa Optical Heads Part No.: OH-3