FEASA™LED ANALYSER

Software Included with All LED Analysers

Extensive Free Software is Included with All Feasa LED Analysers

Packed with new features, the latest Feasa LED Analyser Software offers the ultimate user experience while still maintaining the easy to use philosophy that has made our solutions so successful.

Details of all the Software provided are described below:

User Software

The User Software provides a simple and easy to use interface for the Feasa LED Analyser. Connecting to the Analyser is as simple as clicking on a single button. Access to various functions through the intuitive user interface using simple drop down menus gives access to all the normal LED Analyser functions. Measured outputs from the Analyser are displayed using bar graphs and a color wheel. Advanced functions are available through the program menus such as Stability Analysis reports and the Feasa Terminal Window.

Test Software

The Test Software provides an easy to use interface for multiple LED Analyser modules.
It is a complete turnkey LED test system when used with a low cost test fixture and power supply.
Key features of this Software include :

- Automatically generated test limits.
- Logging of all test results.
- csv file output which can be used to generate graphs in Excel.
- Ability to connect to multiple LED Analysers.
- Pass / Fail and yield calculations.
- Test RGB, HSI, xy Chromaticity and Intensity automatically.

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User Gains / xy Offsets Software

Both programs provide an easy to use interface to the LED Analyser suite of products to allow adjustment of the measured intensity and xy Chromaticity co-ordinates. These adjustments are used to compensate for small variations in the measurement output from channel to channel. Adjustments can be made manually or automatically.

Key features include:

- Automatic adjustment of output intensity and xy Chromaticity of each measurement channel
- Manual adjustment for fine tuning of each measurement channel (fiber)
- Recall previously stored adjustment values
- Save adjustments to a file to be recalled later

DLL and User Examples

Feasa provide a comprehensive list of sample code to simplify the implementation of the LED Analyser. These examples come in two versions, one using the Feasa dll to communicate with the LED Analyser and one version which directly opens the serial or usb port. Sample code is provided in the following programming languages:

- FreePaschal - C - C Sharp
- VBNET - VB6

Labview

Labview is one of the most widely used programming systems for functional test machines. Labview VIs are supplied in both Labview 6+ and Labview 8+ versions to support programming of the Feasa LED Analyser. Simple examples of the use of these libraries and a full user guide to help with the implementation of the Feasa LED Analyser are provided.

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