



Feasa's LED Life Tester offers accelerated testing and monitoring of LEDs from -65°C to +125°C.

The Fiber used in the tester has been specially selected and prepared for use in temperatures of -65°C to +125°C. The Feasa Optical Heads have been designed from selected materials to withstand extreme temperatures. The Tester sits outside the oven and the LEDs are monitored continuously during the Life Time Test.

AVAILABLE INTERFACES

USB offers a very simple interface to the LED Analyser with no requirement for an additional power supply. Very high baud rates, up to 460800 baud, are available.

The **RS232 Serial Port** is easy to use with a max baud rate of 115200. It requires the use of an external power supply.

Daisy Chain

Multiple LED Analysers can be connected together using the Daisy Chain Connectors. Only one RS232 Serial Port or USB Port is required to connect up to 30 LED Analysers.

TEST SOFTWARE

The Test Software has the ability to continuously test LEDs at fixed time intervals. Between 1 second and multiple hours data can be saved to disk for later retrieval, reporting and graphing of results.

The Test Software can be configured to send an email on error and also at the end of a test sequence.

Feasa Enterprises Ltd.

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Rev No.4.00 - 14th June, 2013





FEASA™ LED Life Tester

Temperature LED Testing from -65°C to +125°C

The Innovative Solution for Testing LEDs

SPECIFICATIONS

OPTICAL	
Total Operating Wavelength Range	450nm to 650nm
ACCURACY	
Dominant Wavelength(after adjustment)	± 2nm
Correlated Color Temperature	± 200K @ 2856K
Chromaticity(after adjustment)	± 0.01 @ x=0.33, y=0.33
REPEATABILITY	
Dominant Wavelength	± 1nm
Correlated Color Temperature	± 50K @ 2856K
Chromaticity xy	± 0.0015
Hue	< 1
Saturation	< 1%
Intensity	< 1%
ELECTRICAL	
Supply Voltage	5.0V
Supply Current	180mA
PHYSICAL	
Dimensions of 3, 5, 10 Channel	86mm x 57mm x 55mm
Dimensions of 20 Channel	127mm x 57mm x 55mm
Fiber Length	0.6m
Fiber Diameter	1.0mm, incl. Cladding
Minimum Bend Radius of Fiber	50mm
Operating Temperature Range(Fiber & Optical Head)	-65°C to +125°C
Operating Temperature Range of Analyser	0°C to 50°C

ORDERING INFORMATION

Feasa 5 Channel LED Life Tester	Part No.: Feasa 5LT-125
Feasa 10 Channel LED Life Tester	Part No.: Feasa 10LT-125
Feasa 20 Channel LED Life Tester	Part No.: Feasa 20LT-125
Optical Head LED Life Tester	Part No.: OH-7LT

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