LED FLICKER-TESTER F-100
Programmable LED lights for Camera/Sensor flicker analysis

Features
• Red, Green and Blue LEDs
• Independent Frequency control for each channel
• Independent intensity/ duty cycle control for each channel
• Simple serial RS-232 control
• Matlab UI

Mechanical
• Dimensions : 6 x 8 x 2 inches
• Anodized extruded aluminum construction

Support
• Knowledgable technicians
• 1 year warranty (parts and labor)

Description and Application
The Flicker Tester is a RGB-based LED light source with programmable LED frequencies and duty cycles. The three channels have individual frequency and duty cycle controls. The Frequency range is from 50 Hz - 200 Hz.

The system can be used to evaluate how well the algorithm/sensor can detect and measure the frequency of the LEDs.

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Specifications

- **Frequency Range**
  - Red: 50 - 200 Hz
  - Green: 50 - 200 Hz
  - Blue: 50 - 200 Hz

- **Duty Cycle**
  - Red: 0 - 100%
  - Green: 0 - 100%
  - Blue: 0 - 100%

- **Light Source Window**
  - 5" x 5"

- **Light Source**
  - 6 x 8 x 2 inches

- **Controller**
  - 6 x 8 x 3 inches

- **Power**
  - 110/220 Volts

- **Communication**
  - Serial RS-232 protocol

- **Software**
  - Matlab based UI with source code

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