

The Labarazzi® TLA Generator is your tool for creating flickering light for testing and demonstration. Use the preset flicker signals or create your own. Test your flicker meter or video camera. Use Labarazzi for quality testing, lighting education and research projects.

UNIQUE TLA GENERATOR

See a live flicker signal

Viso Systems Labarazzi is the only commercially available TLA generator in the world. Labarazzi is a professional laboratory and demonstration light source that produces precise temporal light artifacts (TLA). The Labarazzi contains a 1100 lumen LED light source.

Signal presets

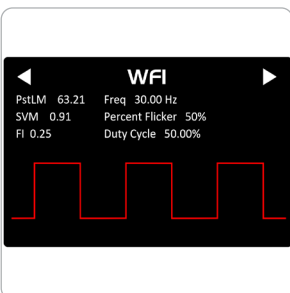
The Labarazzi provides 26 preset flicker signals. Navigate between the signals with displays of waveform, frequency, flicker percentage, duty cycle, modulation depth, PstLM and SVM.

Design your own signal

Design your own custom flicker signal. Choose your waveform (square, saw, triangle, sine and cosine) and add frequency, modulation depth and duty cycle. Then view the result with the built-in LED 3000K (CRI 80) light source.



Easily navigate through all options via the multi-function selector button



Choose your orientation: Labarazzi can lie on a shelf or stand upright on a table.



See the flickering light directly with the built-in light source (1100 lm, 3000 K) or turn it off



Easily connect to Viso Light Inspector software via USB and load your custom signals



SPECIFICATIONS

For more information, please check www.visosystems.com or contact Viso Systems at info@visosystems.com

KEY APPLICATIONS

- Temporal Light Artifact research
- Test of digital cameras and video cameras for TLA interference
- Flicker tester calibration
- Demonstration of flickering light – in education and sales

USING THE LABARAZZI

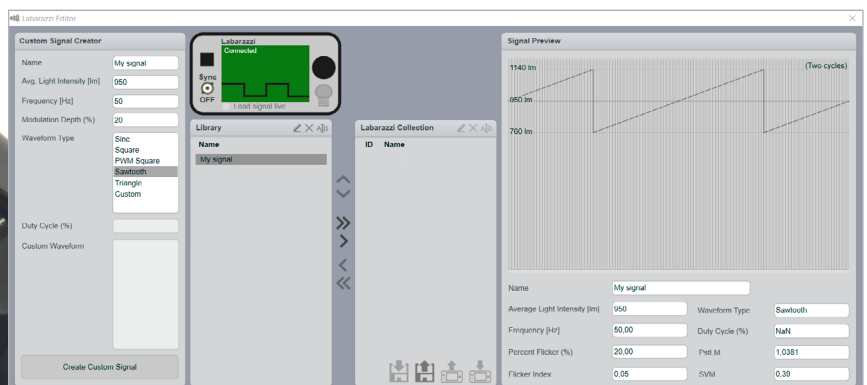
The Labarazzi is a rugged, laboratory-style flicker generator that can be used as a stand-alone unit or controlled by the Viso Light Inspector software. The Labarazzi can be used in educational settings to demonstrate various types of flicker, stroboscopic effects, and phantom array effects.

Because of its excellent signal accuracy, Labarazzi can also be used to test TLA meters and to test cameras for flicker immunity.

Your choice of flickering light can be experienced immediately via the built-in dimmable LED light source. The signal can also be transmitted to an external device, while the built-in LED can be turned off.

The Labarazzi can be placed on a table with the LED facing down and well protected from direct view. It can also be placed on a table or shelf with the light source facing backwards, for example to light up a wall without glare.

The Labarazzi has a USB port that allows it to be connected to the Viso Light Inspector software. The software allows the user to add or remove flicker signals stored in the unit. Custom flicker curves can also be created or added from Excel and stored in the unit, including all flicker parameters such as SVM and PstLM, which are automatically calculated and displayed with all flicker presets.



TECHNICAL SPECIFICATIONS

Physical Dimensions

Dimensions (L x W x H)
Weight
Cabinet

Labarazzi

130 x 18 x 130 mm
1,300 g
Powder coated steel housing

Photometric Specifications

Light source, average output
Light source type
Light quality

0- 1,100 lm (0-300 mA)
Bridgelux BXRC-30E1000-D-73
CRI 80, Warm white CCT 3000 K

Signals

Signal types
Modulation depth)
Frequency bandwidth
Output to other devices
Display parameters

Flat = DC / sine / square / triangle / saw / cosine / PWM
0-100%
0-100,000 Hz
Via BNC plug - 0-1 V signal
Frequency, Flicker Index, Modulation Depth, SVM, PstLM, Duty Cycle

Electric

Connection
Power supply input

Mains cable with Schuco male plug
85 to 264 VAC, 50/60 Hz, 40W