

The Labarazzi® TLA generator is your tool to generate flickering light for test and demonstration. Use the preset flicker signals or design your own signals. Test your flicker meter or your video camera. Use Labarazzi in quality tests, lighting education and in 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 demo light source that generates precise temporal light artifacts (TLA). The Labarazzi includes a 1100 lumen LED light source.

Signal presets

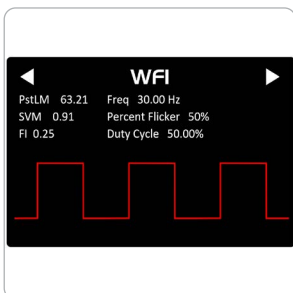
The Labarazzi offers 26 preset flicker signals. Navigate between the signals with indications of waveform, frequency, flicker percent, duty cycle, modulation depth, PstLM and SVM.

Design your own signal

Design your own, customized flicker signal. Choose your waveform (square, sawtooth, triangle, sine and cosine) and add frequency, modulation depth and duty cycle. Then watch the result with the built-in LED 3000 K (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 the 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

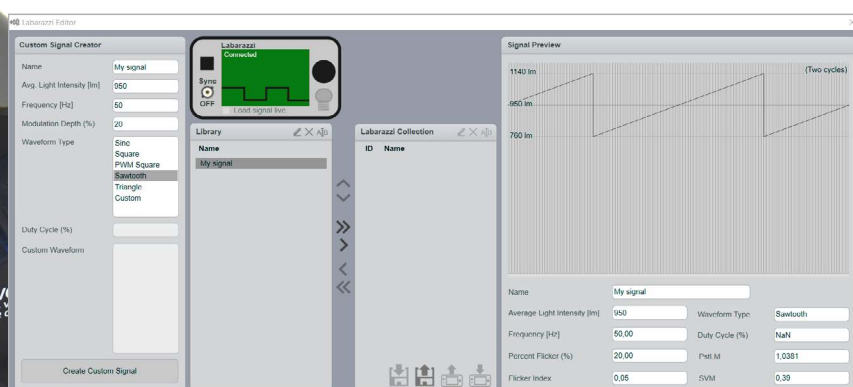
The Labarazzi is a rugged, laboratory-style flicker generator that works both as a stand-alone unit and controlled via Viso Light Inspector software. The Labarazzi can be used in education to demonstrate different types of flicker, stroboscopic effects, and phantom array effects.

Because of the outstanding signal accuracy, Labarazzi can also be used to tester TLA measurement instruments and to test cameras for flicker immunity.

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

The Labarazzi can stand on a table - the LED facing downward and being well protected against direct view. The unit may also lie on a table or a shelf with the light source facing backward e.g., illuminating a wall in a non-glary manner.

The Labarazzi has a USB connector allowing it to be connected to the Viso Light Inspector software. The software allows the user to add or remove stored flicker signals in the device. Custom flicker curves can also be generated or added from excel and stored in the device, including all flicker parameters such as SVM and PstLM, which are automatically calculated and shown with all flicker presets.



TECHNICAL SPECIFICATIONS

Physical Dimensions	
Dimensions (L x W x H)	130 x 18 x 130 mm
Weight	1,300 g
Cabinet	Power coated steel housing
Photometric Specifications	
Light source, average output	0- 1,100 lm (0-300 mA)
Light source type	Bridgelux BXRC-30E1000-D-73
Light quality	CRI 80, Warm white CCT 3000 K
Signals	
Signal types	flat = DC / sine / square / triangle / saw / cosine / PWM
Modulation depth)	0-100%
Frequency bandwidth	0-100,000 Hz
Output to other devices	Via BNC plug
Display parameters	Frequency, Flicker Index, Modulation Depth, SVM, PstLM, Duty Cycle
Electric	
Connection	Mains cable with Schuco male plug
Power supply input	85 to 264 VAC, 50/60 Hz, 40W