



LT-101A LED Driver Tester

LT-101A LED Driver Analyzer is specially designed for input and output electrical performance of LED driver with high stability, economy and multifunction. It can test LED input and output electrical property simultaneously and can preset upper & lower limit for automatical judgment, and alarm when exceeding limit. It is very suitable for site-test like production line, quality inspection and R&D etc. It conforms to the standards IEC62384, IEC61000-3-2 and GB/T 24825.

Main Characteristics:

- ◆ Suitable for AC, DC, AC / DC waveform testing
- ◆ Harmonic analysis function (2-50 times)
- ◆ Analysis for start characteristics in 0 ~ 3s
- ◆ Eight Windows display at the same time, easy to check the data
- ◆ 16-bit high speed A/D
- ◆ RS-232/485 (optional) communication interface
- ◆ Power efficiency test
- ◆ Powerful PC software :

Input characteristics test		
Measurement function	Measure voltage RMS,current RMS,active power,power factor,frequency,voltage & current total harmonic distortion,true RMS and relative value of 0~50th harmonics.	
Selection of input current bandwidth	narrowband (20Hz ~ 5kHz), wideband (20Hz ~ 1MHz)	
Harmonic analysis function	THD and 2nd~50th harmonics	
Input characteristic measurement range	Voltage	3V~300V
	Current	0.010A~5.000A
	Frequency	DC,20Hz~65Hz
	Bandwidth	Narrow band is 5 kHz, wide band is 1MHz
	Accuracy	$\pm(0.1\%F.S. + 0.1\%R.D.)$
Output characteristics test		
Output steady state characteristic test	RMS voltage, oscillation frequency, RMS current, active power and power factor	
Output start characteristic test	peak voltage, peak current and peak current time from 0~ 3s during measurement output start	
Measurement range of output characteristics	Voltage	3V~300V
	Current	0.010A~5.000A
	Frequency	DC,20Hz~65Hz
	Frequency width	narrow band 5kHz,broad band 1MHz
	Accuracy	$\pm(0.1\%F.S. + 0.1\%R.D.)$

Communication	RS-232
Other information	Holding function and PC software
	Current ripple test function (for reference)

LT-101A LED driver tester is specially designed for input and output electrical performance of LED driver. It is an ideal solution for quality control and production line.