

*0.5 to 500 Hz, x 0.0 1 Hz (< 100 Hz)*

# LINE FREQUENCY MONITOR

Model : LF-423

ISO-9001, CE, IEC1010



**Lutron**

LUTRON ELECTRONIC

*The Art of Measurement*

# LINE FREQUENCY MONITOR

Model : LF-423

## FEATURES

- \* Portable line frequency monitor, easy carry out & operation.
- \* Wide measuring range from 0.5 Hz to 500 Hz.
- \* 0.01 Hz, high resolution
- \* Quartz crystal time base, 0.05 %, high accuracy.
- \* Wide input voltage 5 to 250 ACV.
- \* LCD display allows clear readout even at high ambient light levels.
- \* Sine wave or square wave input signal are available.
- \* Last value, Maximum value & Minimum value with recall.

## APPLICATIONS

- \* Check output of frequency-regulated and unregulated DC to AC converters.
- \* Verify accuracy and stability of synchronous motors & clocks.
- \* Monitor frequency of mobile and portable generators under load.
- \* Obtain the long term maximum, minimum & average frequency of fluctuating power sources.
- \* Continuously monitor frequency in engineering and school laboratories when delicate experiments are performed or calibration of equipment is taking place.

## SPECIFICATIONS

Display	5 digits, 10 mm ( 0.4" ) LCD	
Range	0.5 to 500.0 Hz.	
Resolution	0.01 Hz	0.5 to 99.99 Hz.
	0.1 Hz	100.0 to 500.0 Hz.
Input voltage	5 to 250 ACV, sine wave or square wave.	
Accuracy (23± 10 °C)	± ( 0.05 % + 1 d ) .	
Sampling Time	1 sec. ( 1 Hz ).	
Time base	Quartz crystal	
Circuit	Exclusive one-chip of microcomputer LSI circuit.	
Memory	Last value, Max. value, Min. value.	
Battery	1.5 V AA (UM-3) battery x 4 PCs.	
Power Current	Approx. DC 5 mA.	
Operating Temperature	0 to 50 °C (32 to 122 °F).	
Operating Humidity	Less than 80% RH.	
Weight	375 g ( 0.83 LB )/including battery.	
Dimension	190 x 72 x 37 mm (7.5 x 2.8 x 1.5 inch).	
Accessories Included	Operation Manual.....1 PC.	
	Power Cord with plug.....1 PC.	
Carrying Case	Optional.	
* Remark : When order, should mention the power plug type, such as USA's power plug or Germany's power plug.....		

\* Appearance and specifications listed in this brochure are subject to change without notice.

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