

STROBOSCOPE

LSBS-A1 Series



STROBOSCOPE LSBS-A1 Series

STROBOSCOPE LSBS-A10

Stroboscope LSBS-A10 is handheld unit with 50 to 12,000 FPM range, measures the rotational speed of a rotating object, also it inspects the defect on the surface of a rotating/vibrating object without the need to adhere any mark to reflect the light. Features direct results which visibly and that can be read shown LCD screen and exact reading with no guessing or errors. It has flash tube life for up to 100 million time.

STROBOSCOPE LSBS-A11

Stroboscope LSBS-A11 is handheld unit with 50 to 40,000 FPM range, measures the rotational speed of a rotating object, also it inspects the defect on the surface of a rotating/vibrating object without the need to adhere any mark to reflect the light. Features direct results which visibly and that can be read shown LCD screen and exact reading with no guessing or errors. It has flash tube life for up to 100 million time.

STROBOSCOPE LSBS-A12

Stroboscope LSBS-A12 is handheld unit with 50 to 20,000 FPM range, measures the rotational speed of a rotating object, also it inspects the defect on the surface of a rotating/vibrating object without the need to adhere any mark to reflect the light. Features direct results which visibly and that can be read shown LCD screen and exact reading with no guessing or errors. It has flash tube life for up to 100 million time.

STROBOSCOPE LSBS-A13

Stroboscope LSBS-A13 is handheld unit with 50 to 30,000 FPM range, measures the rotational speed of a rotating object, also it inspects the defect on the surface of a rotating/vibrating object without the need to adhere any mark to reflect the light. Features direct results which visibly and that can be read shown LCD screen and exact reading with no guessing or errors. It has flash tube life for up to 100 million time.

STROBOSCOPE LSBS-A14

Stroboscope LSBS-A14 is handheld unit with 50 to 2000 FPM range, measures the rotational speed of a rotating object, also it inspects the defect on the surface of a rotating/vibrating object without the need to adhere any mark to reflect the light. Features direct results which visibly and that can be read shown LCD screen and exact reading with no guessing or errors. It has flash tube life for up to 100 million time.

Features

- Internal/ External Triggering, and x2 and ÷2 buttons to speed up conversion
- LCD screen and exact reading with no guessing or errors
- Deals with wide measuring range at high resolution
- Automatic stop flashing to save electricity
- Use photoelectric signal while external triggering
- Accomplish automatic tracking function of the design
- Used in microcomputer technology, emerging technologies, anti-jamming technique and other advanced technology
- Measure the rotational velocity without contacting the object

Applications

Stroboscope has application in providing image of single or multiple stillness for the vibration object, rapidly rolling object or a periodic motion object, and can also use to observe the movement tracks.

Specification

Model No.	LSBS-A10	LSBS-A11	LSBS-A12
Display	LCD	LCD	LCD
Range	50 to 12,000 FPM	50 to 40,000 FPM	50 to 20,000 FPM
Resolution	0.1 FPM (50 to 999.0 FPM)		
Accuracy	$\pm (0.05 \%n + 1d)$		
Sampling Time	0.3 Seconds		
	Internal /External Triggering Conversion		
External trigger level	3 to 24 V		
H/L Range	Flashing Light is much brighter at low range than at high range		
	With $\times 2$, $\div 2$ buttons for Fast Checking		
Flash Tube Life	100 million times		
Temperature	0 to 40 °C		
Humidity	<85% RH		
Power Supply	AC 220 V (Optional AV 110 V)		
Power Consumption	About 50 W		
Dimension	215 × 85 × 180 mm		
Weight	About 1000 g		

Specification

Model No.	LSBS-A13	LSBS-A14
Display	LCD	LCD
Range	50 to 30,000 FPM	50 to 2,000 FPM(fit print and textile)
Resolution	0.1 FPM (50 to 999.0 FPM)	
Accuracy	± (0.05 %n + 1d)	
Sampling Time	0.3 Seconds	
	Internal /External Triggering Conversion	
External trigger level	3 to 24 V	
H/L Range	Flashing Light is much brighter at low range that at high range	
	With × 2, ÷ 2 buttons for Fast Checking	
Flash Tube Life	100 million times	
Temperature	0 to 40 °C	
Humidity	<85% RH	
Power Supply	AC 220 V (Optional AV 110 V)	
Power Consumption	About 50 W	
Dimension	215 × 85 × 180 mm	
Weight	About 1000 g	

Accessories

- Carrying Case

Optional Accessories (for LSBS-A10 and LSBS-A14)

- Square Flashing Tube
- Rechargeable battery