

Strobo scope

SS-1000/SS-2000

Simple knob operation SS-1000 and free numerical input, multi-function SS-2000. Wide range of practical applications, from RPM measurement to high speed motion analysis.

■ RPM Measurement...

The stroboscope's flash frequency synchronizes with that of the object to be measured allowing for non-contact measurement.

This is ideal for non-contact RPM measurement.

※ Applications

- RPM measurement of gear, motor, pulley, fan, revolution shaft, etc...
- Check non-contact high-speed rotor movement...
- Check irregularities of fan and motor movements...

■ Stop Motion for Movement Analysis...

The flash cycle can be varied according to need, it is easy to optically stop high speed moving bodies using Stop Motion. This is ideal for high speed movement analysis.

※ Applications

- Check the condition of printing press machine specially when problems occur such as smudged printing, wrinkled paper...
- Movement analysis of high speed equipment or facilities in schools or laboratories...
- Inspection of the manufacturing line process specially in packaging...
- Check the operation of industrial machines...



LINE SEIKI, CO.LTD

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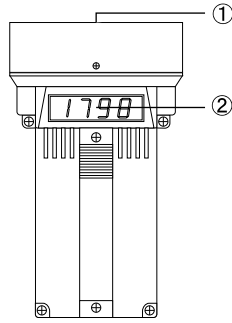
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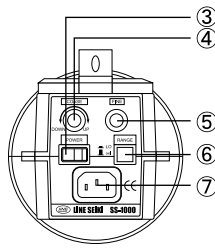
URL : http://www.line.co.jp

● Functions

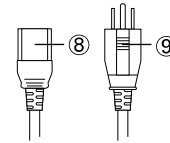
SS-1000



Main Unit



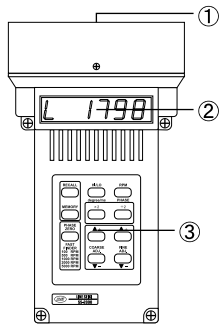
Main Unit(Front)



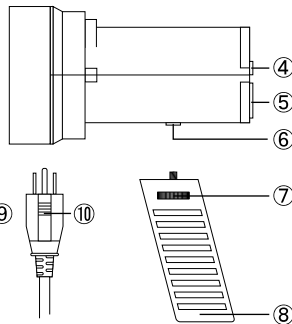
Power Cord Plug

- ① Flash Tube
- ② Display
- ③ Power Switch
- ④ Coarse Adjustment Knob
- ⑤ Fine Adjustmet Knob
- ⑥ Low/High Range Selection Switch
- ⑦ Power Cord Socket
- ⑧ Power Cord Connector
- ⑨ Power Cord Plug

SS-2000



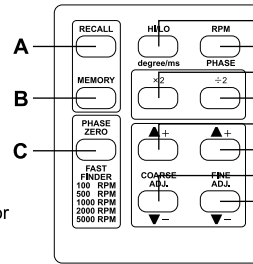
Main Unit



Powe Cord Plug

Main Unit(Side)

- ① Flash Tube
- ② Display
- ③ Control Panel
- ④ Power Switch
- ⑤ Power Chord Socket
- ⑥ Handle Connector
- ⑦ Handle Neck
- ⑧ Handle
- ⑨ Power Cord Connector
- ⑩ Power Cord Plug



Front Panel

- A. RECALL Button
- B. MEMORY Button
- C. FAST FINDER Button
- D. HI/LO(RPM), degree/ms (PHASE) Button
- E. RPM/PHASE Button
- F. ×2 Button
- G. ÷2 Button
- H. COARSE (+) Button
- I. COARSE (-) Button
- J. FINE (+) Button
- K. FINE (-) Button

● Specifications

Model	SS-1000	SS-2000	
Display	14mm LCD,6 digits	10mm LCD,6 digits	
Emitting Speed Range	100 ~ 10000 RPM/FPM	Frash Rate:10~12000 RPM/FPM	Phase:±360° & equal ms
Resolution	0.1 RPM/FPM (≤1000 RPM/FPM) 1 RPM/FPM (1000 ~ 9999 RPM/FPM)	0.1 RPM/FPM (<1000 RPM/FPM) 1 RPM/FPM (≥1000 RPM/FPM)	1° 0.1 ms (<1000 RPM/FPM) 0.01 ms (≥1000 RPM/FPM)
Accuracy	±(0.05%+1d)	±(0.05%+1d) ±(0.1%+1d)	(12RPM~11000RPM) (11010RPM~12000RPM)
Measuring Cycle	1 sec.		
Range Selection	Automatic		
Power Consumption	100 VAC±10% , 50/60Hz , 30W below		
Operating Condition	0~50°C , 80%RH maximum		
Functions	LO/HI Range Selection, Coarse/Fine Adjustment Selection	5 level Adjustment, Phase Adjustment, Coarse/Fine Adjustment Selection, Data memory(2 points)	
Dimention/Weight	120(H)×120(W)×210(D)mm , 1kg		
Accessories	Instruction Manual...1 pc. , Power Supply Connector...1 pc. , Handgrip(SS-2000)...1 pc.		

Flash Tube	Xenon Lamp	※ Changing of Flash Tube At flash rate of 3600rpm (fpm) and above, when the flashes are irregular, please go to the nearest store in order to change your flash tube.										
Flash Duration	Approx.60~1000 μS											
Flash Color	Xenon White 6500 °K	※ Caution During Usage In order to prolong the lifespan of the flash tube, please observe the following during usage: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">SS-1000</td> <td style="width: 50%;">SS-2000</td> </tr> <tr> <td><2000RPM... 30sec.</td> <td><2000RPM... 2hrs.</td> </tr> <tr> <td>>2000RPM... 5sec.</td> <td>2000~3600RPM... 1hr.</td> </tr> <tr> <td></td> <td>3601~8000RPM... 30min.</td> </tr> <tr> <td></td> <td>>8000RPM... 10min.</td> </tr> </table>	SS-1000	SS-2000	<2000RPM... 30sec.	<2000RPM... 2hrs.	>2000RPM... 5sec.	2000~3600RPM... 1hr.		3601~8000RPM... 30min.		>8000RPM... 10min.
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Flash Energy	4 Watts / second											
Beam Angle	80°											