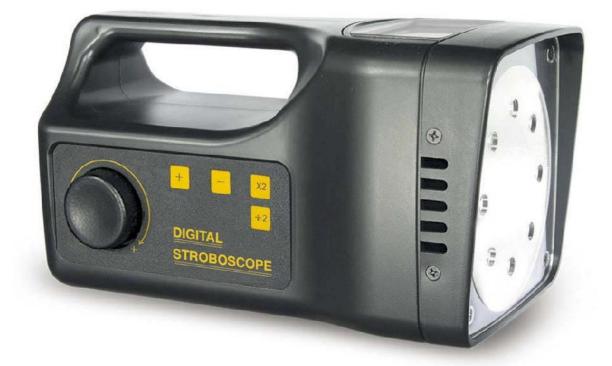
Digital synthesis, High intensity light, 32,000 RPM AC Power, Recharge battery power

STROBOSCOPE

Model : DT-2349

ISO-9001, CE, IEC1010





RISHIKESH

ELECTROMATIC PVT. LTD.



Digital synthesis, high reliability, Xenon tube

Model : DT-2349

FEATURES

⁴ The Digital Stroboscope is used the microprocessor			
circuit design, high accuracy, digital readout, light duty,			
that is ideal for inspecting and measuring the speed of			
moving gears, fans, centrifuges, pumps, motors and			
other equipment used in general industrial			
maintenance, production, quality control, laboratories			
and as well as for schools and colleges for			
demonstrating strobe action.			
⁶ Digital synthesis circuit, high stability and high adjusting			
resolution, easy operation.			
^c Crystal time base to offer high accuracy measurement &			
fast measuring time.			
^c Xenon flash tube, high intensity.			
Wide range : 60 to 32,000 RPM.			
Adjustment resolution : 0.1 RPM (< 1,000 RPM),			
$1 \text{ RPM} (\geq 1,000 \text{ RPM}).$			
High intensity light.			
Setting buttons : Digital adjust button, x 2 button,			
÷ 2 button, + button, - button, easy operating.			
⁴ Xenon flash tube with plug and socket, easy to make			
the tube replacement.			
^c Compact and heavy duty housing case.			

GENERAL SPECIFICATION

GENERAL SPECI	
Display	5 digits (0 to 99999) LCD display.
Flash adjust	60 to 32,000 RPM/FPM.
range	* RPM : round per minute.
	* FPM : flash per minute.
Resolution	0.1 RPM :
	< 1,000 RPM.
	1 RPM :
	≥ 1,000 RPM
Function	Digital rotate knob,
buttons	x 2 button, ÷ 2 button,
	+ button, - button,
Accuracy	± (0.05 % + 1d)
	* Spec. tested under the environment
	RF Field Strength less than 3 V/M &
	frequency less than the 30 MHz only.
Power Supply	110 Vac ± 10%, 50/60 Hz.
	or
	220 Vac ± 10%, 50/60 Hz.
	or
	230 Vac ± 10%, 50/60 Hz.
	* A " Voltage rating label "
	is affixed under the bottom
	case to show the voltage
	rating of power supply.
	When use the stroboscope,
	make sure to identify the
	power supply voltage
	exactly.

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charger
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0V power)

FLASH TUBE SPECIFICATION

Flash tube	Xenon lamp.		
Flash Duration	Approximately 60 to 1,000		
	microseconds.		
Flash color Temp.	Xenon white 6,500 K degree.		
Flash energy	4 Watts-seconds (joules).		
Beam Angle	80 degrees.		
Flash tube	It is required to change the flash tube		
replacement	when the instrument start to flash		
	irregularly at speeds > 3600 RPM/FPM.		
Operating duty	For prolong life and safety, please		
Cycle	adhere to the following operation duty		
	cycle: < 2000 RPM - 2 hours		
	2001 to 3600 RPM - one hour		
	3601 to 8000 RPM - 30 minutes		
	> 8000 RPM - 10 minutes.		
	* 10 min. cooling off period between cycles.		
-	0001 073340		

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