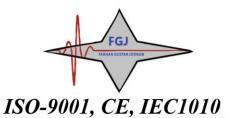
STROBOSCOPE



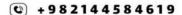
Model: DT-2349

FGJ-NDT.IR DIGINDT.IR

Q Tehran, Tehransar













The Art of Measurement

LUTRON ELECTRONIC

⊗ w w w . f a m c o c o r p . c o m⋈ E-mail: info@famcocorp.com⊚ @famco_group

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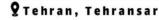
تهران ، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج) روبـروی پالایشگاه نفت پارس ، پلاک ۱۲

Digital synthesis, high reliability, Xenon tube FGJ-NDT.IR

STROBOSCOPE

Model: DT-2349

DIGINDT.IR





FEATURES

*	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
L	demonstrating strobe action.
*	Digital synthesis circuit, high stability and high adjusting
1	resolution appropriate

- resolution, easy operation.
- * Crystal time base to offer high accuracy measurement & fast measuring time.
- * Xenon flash tube, high intensity.
- * Wide range : 60 to 32,000 RPM.
- * Adjustment resolution: 0.1 RPM (< 1,000 RPM), 1 RPM (\geq 1,000 RPM).
- * High intensity light.
- * Setting buttons : Digital adjust button, x 2 button, ÷ 2 button, + button, - button, easy operating.
- * Xenon flash tube with plug and socket, easy to make the tube replacement.
- * Compact and heavy duty housing case.

GENERAL SPECIFICATION

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 :
	< 1,00 <mark>0 R</mark> PM.
	1 RPM :
	≥ 1,0 <mark>00 R</mark> PM
Function	Digital ro <mark>tate</mark> 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
© +98216	power supply voltage
C +98214	4584619 exactly.
O +98903	4119385

Circuit	Microcomputer LSI circuit & crystal
	control time base.
	Digital synthesis circuit for the
	signal adjusting.
Signal	The signal adjusting circuit is used the
Stability	digital synthesis circuit, the output
	signal will existing high stability and
	not change.
Power Supply	AC(100V to 240V) to DC 9V (3A)
	adapter, incuded.
	Build in battery compartment, power
	can be used the optional DC 1.2 V
	Ni-MH recharge battery (UM-1, D size
) x 4 PCs.
Power	DC 2.4 A (3600 FPM)
Consumption	
Operating Temp.	0 to 50 ℃ (32 to 122 °F).
Operating	Less than 80% R.H.
Humidity	
Dimension	21 x 12 x 12 cm (8.3 x 4.8 x 4.8 inch).
Weight	1Kg/2.2 LB.
Housing	Compact and impact plastic injection
	case with plastic mirror type reflector.
Calibration	Crystal time base and microprocessor
	circuit, don't necessary take any
	external calibration process.
Accessories	Operation manual1 PC.
Included	AC(100V to 240V) to DC 9V adapter
	1 PC.
Optional	Flash Xenon tube Model: TBXE-2289
Accessory	DC 1.2 V Ni-MH recharge batteries,
	UM-1/D size (BAUM-1) x 4 PCs.
	DC 1.2 V Ni-MH batteries charger
	with AC adapter, complete set.
	Model: BACH-110 (AC 110V power)
	Model: BACH-220 (AC 230V power)
All I	

FLASH TUBE SPECIFICATION

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		
475,0	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.		

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