



Shimpo DT-315P 115 VAC, IP-67 Sealed Stroboscope

The DT-315P Battery Powered, NEMA 4X Stroboscope for Harsh Applications. The DT-315P is a rugged, sealed NEMA 4X (IP65) Stroboscope suitable for working in areas without AC power. The DT-315P works just like the DT-315A battery operated strobe.



A **Nidec** Group Company
SHIMPO

Manufacture: Shimpo

SKU: **DT-315P**

Weight: 5.00 lb

Free Ground Shipping within
the 48 continental US States

Please Call (800)832-0055

Features

The DT-315P Battery Powered, NEMA 4X Stroboscope for Harsh Applications. The DT-315P is a rugged, sealed NEMA 4X (IP65) Stroboscope suitable for working in areas without AC power. The DT-315P works just like the DT-315A battery operated strobe. Equipped with Phase shifting in angle of delay (0-359 degrees) and flash time delay, (0-300 mSEC) the DT-315P is engineered for checking timing and wear on rotating and reciprocating machinery. With its rugged, metal body and NiCd rechargeable battery, the DT-315P provides the maintenance and quality professional a rugged, accurate strobetach for inspection on presses, conveyers, gear reducers, chain drives, fuel injectors, paint spray patterns, and many other harsh environment, industrial applications.

FEATURES

- IP65 Sealed Construction
- Spray and wash down proof; sealed against oil and moisture
- Extruded Aluminum Construction
- Exceptional Durability
- Internal Battery Supply
- No power cord to drag around
- Extra Long Flash tube life
- Almost no maintenance
- Phase Shift / Time shift flash control
- Precise timing/visual inspection in hard to reach areas while machine is running
- Internal and External Trigger
- Provides flash control by manual or external signal input such as sensors and contact switches
- Rubber Boot protects stroboscope lens and flash-tubes life from mishandling

Specifications

Model		DT-315AEB	DT-315AEB-230V
Power Requirement		115 VAC ±10 % 60/50 Hz	220 VAC ±10 % 60/50 Hz
INTERNAL MODE	Flashing Range	60.0 ~ 3,000 FPM	
	Display Accuracy	±0.01%	
	Drift	± 0.01 (at 0 ~ 40° C)	
	Phase Shift	Use +/- push buttons (360° in 6 seconds)	
	Display Update Time	0.2 sec approx	
	Output Signal	Approx. 12V	
	Other Functions	+2. x2 Flashings, Phase shift adjustment	
EXTERNAL MODE	Flashings	Synchronous Mode: 60.0 ~ 3,000FPM / Delay mode:200 ~ 3,000 FPM	
	Delay Angle Setting Range	Delay Mode: 0 ~ 359°, Set by 1°	
	Display	RPM, Synchronous mode: 60.0 ~ 3000FPM Delay Angle, Delay mode: 0 ~ 359° or 0 ~ 300mS conversion display	
	Display Accuracy	Synchronous mode: ± 0.01% plus ± 1 digit Delay mode:+ 0 -0.2mS plus ± 1 digit	
	Update Time	1 per second	
	Input Signal	H Level:2.5 ~ 12V L level:0 ~ 0.4V 50 µs or over for H.L. level Trigger at rising edge Approx. 10Ωimpedance	
	Sensor Power	Battery:6.8 ~ 11.0V Adapter:10.2 ~ 12.2V DC:9 ~ 14.5V : 7.8 ~ 14.1V Max. 40mA (including max 0.6V Ripple)	
	Setter	Flashing, Delay angle: Jog Shuttle Mode, Display Unit: Tact Switch	
Display	5 digit, 7 segment red LED (Character height 10mm)		
Flashtube	Xenon lamp TFU-100B-A32		
Flashtube Power	Max. 10W		
Flashing Time	Approx. 30 µ sec<		
Power	Battery: Nicd battery, 8KR – 2000 sce SANYO, Operating time: Approx. 1 hour (full charge at 3000 FPM); Battery Charge Time: Approx. 10 hours Do not operate over 10 hours continuously External power: Disconnect the built-in battery before operating instrument by external power) DC9 14.5V, Max. 24W (current consumption is 24W/input voltage) or operate by provided adapter; AC115V 10%, 50/60 Hz Max. 40VA		
Operating Temperature	32° to 104° F (0° to 40° C)		
Power Requirement	Power Plug & Cable for Recharging Battery Included		
Dimensions	5.11" W x 6.22" H x 10.20" L (130 W x 158 H x 259 L mm)		
Included Accessories	Input/Output signal plug, rechargeable battery with AC adapter, protective case		

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