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A **Nidec** Group Company
SHIMPO

Manufacture: Shimpo

SKU: **DT-725-230V**

Weight: 3.00 lb

Free Ground Shipping within the
48 continental US States

Please Call
(800)832-0055

Features

The DT-725 possess many of the same features as the famous DT-300 Series Stroboscopes, but are lighter in weight. Constructed of strengthened high impact plastic, these rugged units are exceptionally reliable and withstand the same harsh conditions as more expensive units. Employing its unique phase shifting feature, the DT-725 “freezes” rotating or reciprocating machinery for visual inspection of covered gear teeth, shafts, oil/fuel/ink injector patterns, and print media; all without stopping production.

These features make the DT-725 ideal for quality inspection and preventive maintenance of automated motion equipment.

FEATURES

- Bright LED Display Aids viewing in poorly lit areas
- Light Weight Design
- External trigger allows unit to be automatically synchronized with equipment
- Continuous duty cycle eliminates need to shut down for cooling
- Phase shift allows visual analysis of rotating/reciprocating objects
- Easy adjust flash rate controller dial
- Synchronous output enables strobe to drive other strobes
- Easy tri-pod or permanent mounting with integral mounting thread
- Internal, fast-charge rechargeable battery supply

Specifications

Model	DT-725	DT-725-230V	DT-725KIT	DT-725KIT-230V
Power Requirement	115 VAC ±10 % 60/50 Hz	220 VAC ±10 % 60/50 Hz	115 VAC ±10 % 60/50 Hz	220 VAC ±10 % 60/50 Hz
Included Accessories	Power Adapter		Power Adapter, Spare Flash Tube, Carrying Case	
Flashing Range	40.0 – 12,500 fpm (flashes per minute)			
Accuracy	±0.02 % of reading			
	0.1 fpm: 40.0 – 4,999.9 fpm			
	0.2 fpm: 5,000 – 7,999.9 fpm			
Resolution	0.5 fpm: 8,000.0 – 9,999.5 fpm			
	1 fpm: 10,000 – 12,5000 fpm			
Phase Shift	Use +/- push buttons (360° in 6 seconds)			
Display Update Time	Ext. mode : varies with flashing rate			
Output Signal Rate	NPN open collector (24 VDC max., 50 mA), 150 µsec typical			
Multiplier/Divider	Multiply by 2, divide by 2			
	a) 12 – 24 VDC thru a 3-wire NPN output sensor (requires external power			
External Trigger Input Signal	b) 12 VDC thru a 2-wire proximity sensor (leakage current 1 mA max., load current 8 mA min.)			
	c) Switch or relay contact			
Display	5 digits, 0.3" (8 mm) high, LED			
Flashtube Power/Life	Xenon, 10 W max. (100 million flashes)			
	8" (20 cm) Distance = 5500 lx @ 1500 fpm, 8400 lx @ 6000 fpm with 4.5" (110 mm) irradiation diameter.			
Lux Rating	20" (50 cm) Distance = 1650 lx @ 1500 fpm, 2200 lx @ 6000 fpm with 7" (178 mm) irradiation diameter.			
Low Battery Indicator	Flashing LED			
Battery Life	1 – 2 hours depending on flash rate			
Power Requirement	100 to 240 VAC; 50/60 Hz			
Operating Temperature	32° – 104°F (0 – 40°C)			
Dimensions	7.28" L x 4.72" W x 4.72" H (185 mm x 120 mm x 120 mm)			
Product Weight	2.75 lbs (1.25 kg)			
Package Weight	4.45 lbs (2.02 kg)			

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 - Chat with us via [WhatsApp Chat](#)
 - Address: 4802 Glenwood Rd. Brooklyn, NY 11234
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