

Measuring Quality

DT-735 Portable, Stroboscope with Rechargeable Battery

The DT-735 is a portable, highly stable, industrial-quality stroboscope for non-contact inspection and observation of moving parts by providing the user the illusion of stopped or slowed down equipment movement.

Constructed with a rugged, metal enclosure, the DT-735's withstand harsh industrial usage. The internal rechargeable battery and included top and bottom handles aid in portability and usage flexibility. The control adjustment settings allow the flash rate to be readily altered by the user to visually inspect rotating or reciprocating machinery such as gear teeth, rotors, shafts, rewinders, printing presses, etc. all without stopping production. These features make the DT-735 ideal for quality inspection and preventive maintenance of automated motion equipment.

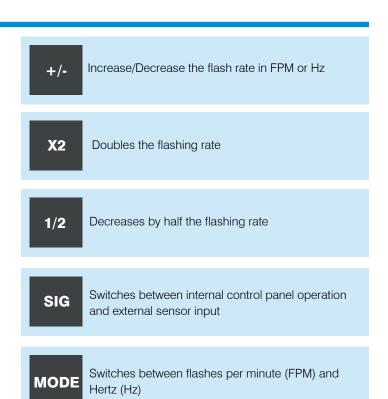


Features

- Bright LED Display aids viewing in poorly lit areas
- · Light Weight, compact design
- Easy adjustment with flash dial combined with x2/divide 2 and fine tuning +/- buttons enables precise flash setting
- Internal, fast-charge rechargeable battery supply
- Includes top and bottom handle to allow user operation preference

Easy Operation Control





DT-735 Specifications

Flashing Range	60-12,000 fpm (flashes per minute)	
Accuracy	± 0.01%	
Resolution	0.1 from 60-9999; 1 from 6,001-12,000	
Display	5 digits 0.4" (10 mm) height	
Flashtube Power/Life	$Xenon \le 45W / 50,000,000$	
Flash Duration	10-30 μ s automatically adjusts with flash rate	
External Trigger Input	$5V \sim 12V$ pulse signal (high level trigger) up to 50 mA	
Lux Rating	8" (20 cm) Distance = 1550 lx @ 1500 fpm, 2350 lx @ 6000 fpm with 15.5" (400 mm) irradiation diameter. 20" (50 cm) Distance = 650 lx @ 1500 fpm , 580 lx @ 6000 fpm with 23.5" (600 mm) irradiation diameter	
Battery	Ni-MH	
Battery Life	1.5 to 2 hours depending on settings	
Time to Charge Battery	5 hours to full charge	
Power Requirement	100-240 VAC 50/60 Hz	
Operating Temperature	32 - 104°F (0 - 40°C)	
Dimensions	9.8 x 4.7 x 4.7" (250 x 120 x 120 mm)	
Product Weight	2.75 lb (1.25 kg)	
Package Weight	4.1 lbs (1.86 kg)	
Warranty	1 year	
Certification	CE	
Included Accessories	Upper and Lower Handle, AC converter charger with cable, 3 pin female M16 threaded connector	

Ordering Details

DT-735	Portable, Light Weight Stroboscope with Rechargeable Battery
DT-735KIT	Same as DT-735 with added battery charger, spare flash tube, protective carrying case
NIST-STROBE	NIST traceable certificate for digital stroboscopes, includes data

Accessories

CARRY-CASE721	Protective carrying case for DT-735
DT-CHRG-735	Universal Power Charger/Adapter. 100-240 VAC, 50/60 Hz.
DT-CBL-2-EU	Power cable with EU plug connection
FLASHTUBE735	Replacement flashtube for DT-735
BAT-735	Replacement Battery for DT-735