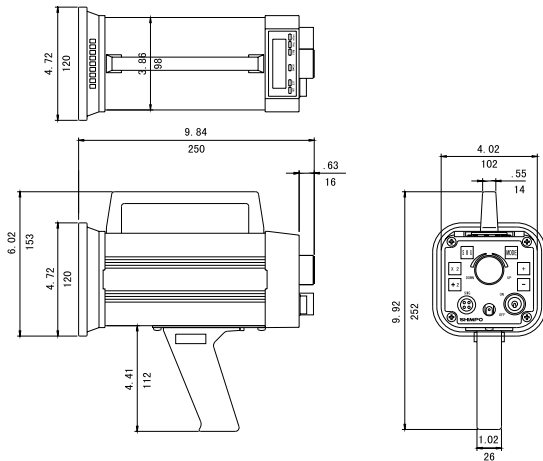


digital stroboscopes - heavy duty

DT-315A

Portability via internal battery pack

The microprocessor-controlled DT-315A possesses the same great features of the DT-311A with the added convenience of total portability via its own internal power supply with up to one hour of full time, high intensity flash rate. Powered by rechargeable batteries located inside its rugged aluminum housing, the DT-315A also performs as an AC line-powered strobe when plugged into its standard AC adapter/charger unit.



Specifications

MODEL	DT-315A
FLASHING RANGE	40.0 - 35,000 fpm (flashes per minute)
ACCURACY	±0.01 % of reading
RESOLUTION	0.1 fpm: 40.0 - 5,000 fpm / 0.2 fpm: 5,001 - 8,000 fpm / 0.5 fpm: 8,001 - 10,000 fpm / 1 fpm: 10,001 - 35,000 fpm
PHASE SHIFT	Use +/- push buttons (360° in 6 seconds)
DISPLAY UPDATE TIME	0.2 seconds approx.
OUTPUT SIGNAL	Synchronous, 400 μsec. Pulse output, 0 to +12 VDC amplitude (approx.), 4.7 KΩ impedance
RATE MULTIPLIER/DIVIDER	Multiply by 2, divide by 2
FLASHING RANGE	0.0 to 35,000 fpm
EXTERNAL MODE ACCURACY	±0.01 % ±1 digit
PHASE SHIFT	0 to 359° with 1° resolution
DELAY TIME	0 to 2,000 mSec from 40 - 10,000 fpm
EXTERNAL TRIGGER INPUT SIGNAL	LO level: 0 - 0.8 VDC, HI level: 2.5 - 12 VDC or open collector (NPN), pulse width 50 μsec min.
INPUT IMPEDANCE	4.7 KΩ to 12 V / 6.8 KΩ to 0 V
DISPLAY	5 digits, 0.4" (10 mm) high, LED
FLASH TUBE POWER/LIFE	Xenon, 10 W max. (100 million flashes)
FLASH DURATION	10 - 40 μsec
SENSOR POWER SUPPLY	12 VDC (40 mA)
LOW BATTERY INDICATOR	Display shows all L's
BATTERY LIFE	1 - 2 hours depending on flash rate
POWER REQUIREMENT	Internal battery pack
OPERATING TEMPERATURE	32° - 104°F (0 - 40°C)
WEIGHT	4.4 lb (2 kg)
DIMENSIONS	9.84" L x 4.72" W x 4.72" H (250 mm x 120 mm x 120 mm)
WARRANTY	1 year
STANDARD ACCESSORIES	Fast charger
OPTIONAL ACCESSORIES	Carrying case, sensors, SG-300 strobe guard, SAS-DT300 Flexible swinging arm, NIST traceable certificate

Features

- Extruded aluminum construction
- Internal battery supply
- Continuous duty cycle
- Phase shift (timing, advance or delay in degrees or mSec)
- Repeatable accuracy (± 0.01% of reading)
- Microprocessor-controlled
- External trigger
- Synchronous output
- Flash timer control
- Highly polished focused reflector
- Manual flash controller knob
- Fast recharge cycle

Also Available



PRINTING QUALITY CONTROL/
check registration and color

SG-300, Strobe Guard, Flex Arm, SAS-DT-300, Flash Tubes and Sensors.

DISTRIBUTED BY

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