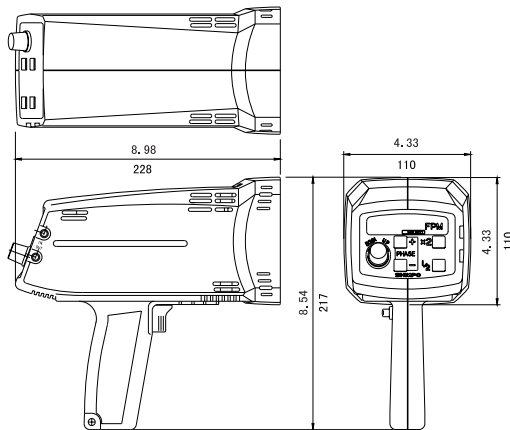


# DT-721 (AC Powered) DT-725 (Internal Battery) DT-721/725 KIT

## Economical lightweight units packed with features

The DT-721 and DT-725 are packed with many of the same features as our famous DT-300 series, 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. Both units are sold separately or as a convenient kit.

The DT-721/DT-725 KIT contains a strobe, extra flash bulb, charger (model DT-725 only) and rugged carrying case.



## Specifications

MODEL	DT-721(AC) / DT-725(INTERNAL BATTERY) / DT-721/725 KIT
FLASHING RANGE	40.0 - 12,500 fpm (flashes per minute)
ACCURACY	±0.02 % of reading
RESOLUTION	0.1 fpm: 40.0 - 4,999.9 fpm / 0.2 fpm: 5,000 - 7,999.9 fpm / 0.5 fpm: 8,000.0 - 9,999.5 fpm / 1 fpm: 10,000 - 12,500 fpm
PHASE SHIFT	Use +/- push buttons (360° in 6 seconds)
DISPLAY UPDATE TIME	Ext. mode : varies with flashing rate
OUTPUT SIGNAL	NPN open collector (24 VDC max., 50 mA), 150 μsec typical
RATE MULTIPLIER/DIVIDER	Multiply by 2, divide by 2
EXTERNAL TRIGGER INPUT SIGNAL	a) 12 - 24 VDC thru a 3-wire NPN output sensor (requires external power supply) 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
FLASH TUBE POWER/LIFE	Xenon, 10 W max. (100 million flashes)
FLASH DURATION	10 - 15 μsec
SENSOR POWER SUPPLY	None
LOW BATTERY INDICATOR	N/A / Flashing LED
BATTERY LIFE	1-2 hours depending on flash rate
POWER REQUIREMENT	115 VAC or 220 VAC ±10 % 60/50 Hz / Internal battery pack
OPERATING TEMPERATURE	32° - 104° F ( 0 - 40° C )
WEIGHT	1.5 lb (0.7 kg) / 2.75 lb (1.25 kg)
DIMENSIONS	8.98" L x 4.33" W x 8.54" H (228 mm x 110 mm x 217 mm), including handle
WARRANTY	1 year
OPTIONAL ACCESSORIES	Fast charger, Carrying case, Flashtubes, SAS-DT300 Flexible swing arm, NIST traceable certificate

## Features

- Plastic housing with strength members
- Lightweight design
- Phase shift (in degrees)
- Continuous duty flash bulb
- External trigger
- Slave functions
- Bright LED display
- Unique rotary pulse indicator
- Manual flash controller knob
- 1/4 x 20 mounting hole

## Also Available



DT-725KIT in Padded Kit with Charger, and Spare Flash Tube.

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