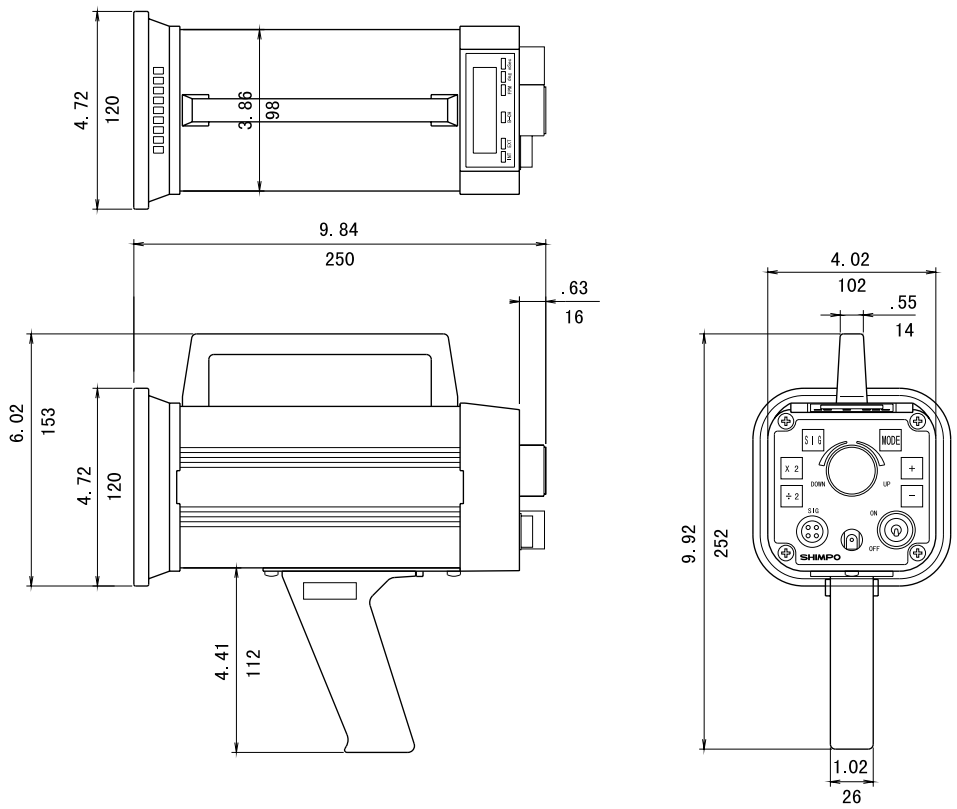


SPECIFICATIONS				
Model	**DT-315A**			
INTERNAL MODE				
Flashing Range	40.0 - 35,000 FPM (flashes per minute)			
Accuracy	±0.01 % of reading			
Resolution	0.1 FPM : 40.0 - 5,000 FPM	0.2 FPM : 5,000 - 8,000 FPM	0.5 FPM : 8,000 - 10,000 FPM	1 FPM : 10,000 - 35,000 FPM
Phase Shift	Use +/- push buttons (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			
EXTERNAL MODE				
Flashing Range	0.0 to 35,000 FPM			
Accuracy	±0.01 % ±1 digit			
Phase Shift	0 to 359° with 1° resolution			
Delay Time	0 to 2,000 µsec 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			
GENERAL				
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			
Power Requirement	Internal battery pack			
Operating Temperature Range	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			

NIDEC-SHIMPO AMERICA CORPORATION • 1701 Glenlake Avenue Itasca, IL 60143 USA • Phone: (630) 924-7138 • Fax: (630) 924-0342
www.shimpoinst.com