



## S P E C I F I C A T I O N S

Model	DT-315A			
INTERNAL MODE				
<b>Flashing Range</b>	40.0 - 35,000 FPM (flashes per minute)			
<b>Accuracy</b>	±0.01 % of reading			
<b>Resolution</b>	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
<b>Phase Shift</b>	Use +/- push buttons (360° in 6 seconds)			
<b>Display Update Time</b>	0.2 seconds approx.			
<b>Output Signal</b>	Synchronous, 400 µsec. Pulse output, 0 to +12 VDC amplitude (approx.), 4.7 KΩ impedance			
<b>Rate Multiplier/Divider</b>	Multiply by 2, divide by 2			
EXTERNAL MODE				
<b>Flashing Range</b>	0.0 to 35,000 FPM			
<b>Accuracy</b>	±0.01 % ±1 digit			
<b>Phase Shift</b>	0 to 359° with 1° resolution			
<b>Delay Time</b>	0 to 2,000 µsec from 40 - 10,000 FPM			
<b>External Trigger Input Signal</b>	LO level : 0 -0.8 VDC, HI level : 2.5 - 12 VDC or open collector (NPN), pulse width 50 µsec min.			
<b>Input Impedance</b>	4.7 KΩ to 12 V / 6.8 KΩ to 0 V			
GENERAL				
<b>Display</b>	5 digits, 0.4" (10 mm) high, LED			
<b>Flash Tube Power/Life</b>	Xenon, 10 W max. (100 million flashes)			
<b>Flash Duration</b>	10 - 40 µsec			
<b>Sensor Power Supply</b>	12 VDC (40 mA)			
<b>Low Battery Indicator</b>	Display shows all L's			
<b>Power Requirement</b>	Internal battery pack			
<b>Operating Temperature Range</b>	32° - 104° F ( 0 - 40° C )			
<b>Weight</b>	4.4 lb (2 kg)			
<b>Dimensions</b>	9.84" L x 4.72" W x 4.72" H (250 mm x 120 mm x 120 mm)			
<b>Warranty</b>	1 year			
<b>Standard Accessories</b>	Fast charger			
<b>OPTIONAL ACCESSORIES</b>	Carrying case, sensors			