

## Stroboscopes Nova-strobe Digital

DA (AC), DB (DC) - See product chart below

The Nova-Strobe series represents the latest in portable stroboscope technology. Both the **DA Plus** and **DB Plus** offer powerful features for both diagnostic inspection and speed measurements. Lightweight and bright with flash rates to 14,000 flashes per minute, these rugged strobes are comfortable to hold and easy to operate.

The **DB Plus** battery operated stroboscope weighs only 2.5 lbs. (1.2kgs) and will run continuously for 1 hour\* on a single charge. A fast charger is included and the percentage charge remaining may be displayed. The unit is CE certified.

The **DA Plus** AC powered stroboscope (115 or 230 Vac) is designed for continuous cool operation, and weighs only 1.5 lbs. (0.72 kg).



Specifications	Nova-Strobe DB Plus Digital, Battery	Nova-Strobe DA Plus Digital, AC Power
Range Flashes/Minute	30-14,000 FPM / RPM	30-14,000 FPM / RPM
Display	Digital LCD	Digital LCD
Accuracy/Resolution	±0.01% of reading / 0.1 FPM	
Flash Energy/Duration	220 mJoule (20-50 µsec)	180 mJoule (20-50 µsec)
Average Power-Watts	10W	15W
Flash Tube Life (typical)	100 million flashes	100 million flashes
External Trigger(1/8" Phone Jack)	TTL (24V Max) Provides 5V out	
Tachometer Mode	5-200,000 RPM	5-200,000 RPM
Programmable Memory	Yes	Yes
Internal Phase Shift	Yes	Yes
Operating Time (fully charged batteries)	60 minutes at 6000 FPM	N/A
Power	6 Vdc internal rechargeable batteries	115 Vac, 50-400 Hz or 220-240 Vac, 50-400 Hz
Weight	2.5 Lbs. (1.2 kg)	1.5 Lbs. (0.72 kg)
Size (L x W x H)	Body: 9" x 3.66" x 3.56" (229 x 93 x 90 mm); Reflector Housing: 4.8" (122 mm) diameter; Handle: 4.25" (108 mm) long	
N.I.S.T. Certificate	Included	Included

**FEATURES**

- Flash rates from 30 to 14,000 flashes per minute, adjustable in 0.1 step increments, the coarse/fine adjustment knob makes it quick and easy to set the exact flash rate you want. The all digital controlled microprocessor keeps readings rock steady.
- DB Plus Kit, shown right, includes carry case and spare lamp
- Internal phase shifting allows the target to be jogged clockwise or counter clockwise in 5° increments.
- Times 2 and divide by 2 push buttons allow easy checking for actual RPM, harmonics and allow stop motion far beyond the 14,000 fpm limit.
- Store and recall up to 6 user selectable values. Last measurement memory, even with the power off.
- Flash rate may be displayed in Flashes per Minute (RPM) or Flashes per Second (Hz)
- Individual input and output TTL jacks (1/8 inch phone) provides power to remotes sensors and allows "daisy-chaining" of multiple strobes. A Tachometer mode allows accurate speed measurement up to 200,000 RPM using external sensors.
- **NIST Certificate of Calibration** included.



**Product chart**

ITEM NO.	PRICE	MODEL	CE	DESCRIPTION
<a href="#">142-6200-060</a>		<b>Nova-Strobe DA Plus 115</b>		Digital Stroboscope, mains powered - 30-14,000 FPM, with 115 Vac power
<a href="#">142-6200-061</a>		<b>Nova-Strobe DA Plus Kit 115</b>		Nova-Strobe DA Plus 115 with spare lamp in latching carrying case
<a href="#">142-6200-062</a>		<b>Nova-Strobe DA Plus 230</b>		Same as Nova-Strobe DA Plus 115, but with 230 Vac power
<a href="#">142-6200-063</a>		<b>Nova-Strobe DA Plus Kit 230</b>		Same as Nova-Strobe DA Plus Kit 115, but with 230 Vac power
<a href="#">142-6200-050</a>		<b>Nova-Strobe DB Plus 115</b>	X	Digital Stroboscope, battery powered - 30-14,000 FPM, with R115 (115 Vac) recharger
<a href="#">142-6200-051</a>		<b>Nova-Strobe DB Plus Kit 115</b>	X	Nova-Strobe DB Plus 115 with R115 (115 Vac) recharger and spare lamp in latching carrying case
<a href="#">142-6200-052</a>		<b>Nova-Strobe DB Plus 230</b>	X	Same as Nova-Strobe DB Plus 115, but with R230 (230 Vac) recharger
<a href="#">142-6200-053</a>		<b>Nova-Strobe DB Plus Kit 230</b>	X	Same as Nova-Strobe DB Plus Kit 115, but with R230 (230 Vac) recharger

