

Nova-Pro Stroboscope/Tachometer



Patent Pending



The **Nova-Pro** is a series of powerful portable visual inspection and speed measurement tools. We have combined all the features of our hand held LED stroboscopes together with a full function laser tachometer to create a compact, ergonomic and extremely powerful two in one predictive maintenance tool. The stroboscope light source is made up of twelve LED's which are extraordinarily bright yet extremely efficient allowing cool continuous operation and extremely long battery life (up to 19 hours on a single charge). Continuous operation is also possible with the optional AC adapter.

Nova-Pro 100: Designed for simple stroboscopic stop motion inspection and RPM measurement applications. The integral laser module is an optional item that can be added to make the 100 a full featured non-contact tachometer.

Nova-Pro 300: Has all the features of the 100. It includes the integral laser module for tachometer mode or strobe trigger mode and adds a high contrast inverse blue LCD display with backlight and touch sensitive number pad (for setting flash rates quickly), ultra high intensity LED's for even more light output, memory for up to 10 preset flash rates, input and output jacks for external sensors or pulse repeater output and NIST calibration certificate.

Nova-Pro 500: Has all the features of the 300 and adds an additional standard battery pack, remote laser docking station, phase delay, time delay and virtual slow motion.



Features

- Stroboscope and tachometer in one tool
- Super bright LED's
- Integral/removable laser module
- Water and dust resistant IP54 enclosure
- 1/4" x 20 tripod mount
- Ergonomic one handed operation
- Removable rechargeable Li-ion battery
- Continuous AC operation available
- TTL compatible input/output (300, 500)
- NIST certificate included (300, 500)

Typical Uses

- Visual running inspections of: Fan blades, motors, shafts, gears, rollers, webs, belts, sheaves, chains, sprockets and much more without having to shut down your process
- Diagnose alignment issues
- Determine speed of rotating equipment using strobe or built in laser tachometer
- Troubleshoot high speed automation processes by placing them in virtual slow motion
- Print quality inspection
- Textile processing inspection
- Phase reference for balancing

Ordering Information

Item	Description	Part No.
Nova-Pro 100	100 Strobe, standard battery, recharging station with interchangeable wall plugs and manual	6241-010
Nova-Pro 100 Kit	Same as above with plastic latching carry case	6241-011
Nova-Pro 300	300 Strobe, laser module, standard battery, recharging station with interchangeable wall plugs, NIST cert and manual	6243-010
Nova-Pro 300 Kit	Same as above with plastic latching carry case	6243-011
Nova-Pro 500	500 Strobe, laser module with remote laser dock, (2) standard batteries, recharging station with interchangeable wall plugs, NIST cert and manual	6245-010
Nova-Pro 500 Kit	Same as above with deluxe die cut foam lined water tight plastic carry case	6245-011
Nova-Pro 100 AC	100 Strobe, 115/230 Vac adapter with interchangeable wall plugs and manual	6241-020
Nova-Pro 100 AC Kit	Same as above with plastic latching carry case	6241-021
Nova-Pro 300 AC	300 Strobe, laser module, 115/230 Vac adapter with interchangeable wall plugs, NIST cert and manual	6243-020
Nova-Pro 300 AC Kit	Same as above with plastic latching carry case	6243-021