



MONARCH INSTRUMENT

the professional's choice

Why Monarch's Nova-Pro® LED Stroboscope/Laser Tachometer needs to be part of your Predictive Maintenance equipment fleet.

Predictive Maintenance programs continue to rise in popularity as corporations, large and small, strive to increase production efficiency, reduce process down time, operating costs and increase overall quality and profitability. Selecting the right tools to make sure you stay ahead of costly problems is a crucial part of any successful Predictive Maintenance program. In short, you need highly accurate tools that you can trust.

Monarch's Patented Nova-Pro® is a series of LED stroboscopic inspection lamps that include an on-board laser tachometer making the Nova-Pro® two powerful tools in one compact ergonomic package. Now, you only need one tool for measuring speed or performing stop motion inspection on any of your rotating equipment or moving processes. The rechargeable field replaceable Li-ion batteries provide up to 9 hours of continuous use on a single charge.

Stop Motion Analysis

Twelve high powered Cree™ LED's produce incredibly bright and extremely uniform light patterns that allow for crystal clear stop motion inspection of critical rotating machinery like cooling fans, motor shafts, rollers, gear teeth, drive belts/chains, as well as the quality of printing, converting and other web based processes. The Nova-Pro® allows you to easily view bent or broken cooling fins, misaligned belts, worn gear teeth or sprockets. You can even pull replacement part numbers off of worn parts while the equipment is running so that you can have it ready for your next shutdown!

On board Laser Tachometer

Allows for quick and highly accurate speed checks of critical process machinery like pumps, motors, mixers, conveyors, drill bits, other cutting devices and much, much more.

Patented Laser Synch Technology

Nova-Pro® incorporates patented technology that combines the function of the laser tachometer together with the LED strobe by synchronizing the flash to a reflective target detected by the laser sensor. This allows you to INSTANTLY stop motion of a rotating device regardless of whether or not the speed is constant while simultaneously tracking the exact speed of the device. No more "hunting" up and down with the flash rate to stop motion of a variable speed device.

Why is this important to you?

All of the inspection functions described above can be accomplished without costly shutdowns of your processes. You can quickly determine whether critical assets need adjustment, replacement, lubrication, balancing or alignment and schedule those tasks into your next planned shut-down.

Start saving time and money now with one of our revolutionary Nova-Pro® LED Inspection Strobes. For detailed information on the complete Nova-Pro® product line, please visit our website [here](#)



Monarch products are designed, manufactured, calibrated and serviced in our New Hampshire facility.

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