



MONARCH INSTRUMENT

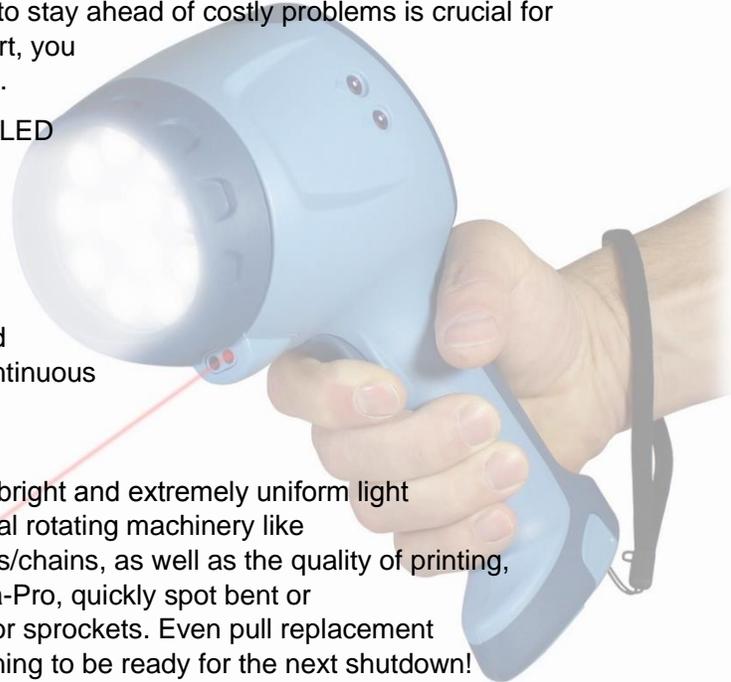
the professional's choice

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

By Tim French, Sales Manager

Predictive maintenance programs continue to rise in popularity as corporations, large and small, strive to increase production efficiency, reduce process downtime, operating costs, and improve overall quality and profitability. Selecting the right tools to stay ahead of costly problems is crucial for any successful predictive maintenance program. In short, you need highly accurate tools that are reliable and efficient.

Monarch Instrument's patented Nova-Pro is a series of LED stroboscopic inspection lamps that include an onboard 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 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™ LEDs produce incredibly bright and extremely uniform light patterns 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. With Nova-Pro, quickly spot bent or broken cooling fins, misaligned belts, worn gear teeth, or sprockets. Even pull replacement part numbers off worn parts while the equipment is running to be ready for the next shutdown!

Onboard Laser Tachometer

Nova-Pro performs quick, highly accurate speed checks of critical process machinery like pumps, motors, mixers, conveyors, drill bits, and other cutting devices. Using Nova-Pro as a tachometer allows for safe, stable, and accurate speed measurement.

Patented Laser Synch Technology

Nova-Pro incorporates patented technology that combines the function of the laser tachometer with the LED strobe by synchronizing the flash to a reflective target detected by the laser sensor. This allows for INSTANT stop motion of a rotating device regardless of whether the speed is constant while simultaneously tracking the device's exact speed. 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 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 shutdown.

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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