

# WHITE PAPERS & APPLICATION NOTES



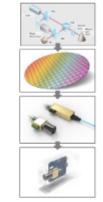
### Key of Laser Seroing in Precision Manufacturing

dely's manufacturing industry is a sensor-driven world.

any manufacturing process, these is no praestion thout feedback. Today's finished products are ith fist and accurate sensing technologoes. Moder with tast and accurate sensing an energy manufacturing processes can challenge even the best sensors. In a madern manufacturing facility there are many kinds of sensors backed up by advanced control s and software algorithms intended to make then to best at what they do. The optical (leser) resourement sensors enable the ability to measure recisely, quickly and without physical contactalitywing

Compact Laser Sensor Platform With the growing demand on laser sensors for modern narufacturing industry, various technologies have been idepted and have enabled development of a namber of re several types of displacement sensors based or other the loser triangulation principle, the chromatic sch with their pros and cons for specific measurement

Protein's technologies use coupled light to enable multiple application from aptical inforcement assistant to blomedical diagnostic devices. Until record impositions, aptical components tended to be failin, operative, and require procure bloom reservoire assambly. Protomosc integrated circuits (PKC) caronies tens to hundreds of aptical components. While electrons (in conduct transitions, operations and relations, a PK consists of lowers, modulators, photodetectors and filters, all



## Compact Laser VibrometerTechnology and Applications in Manufacturing Quality Control

This paper introduces a series of compact laser vibrometer products developed by OmniSensing Photonics which are based on its integrated laser sensing platform. These laser vibrometers have wide applications in various industries, from automation production lines to medical/health field as ultrasound detectors. In this article, the compact laser vibrometer sensors as the key online quality control unit for manufacturing industry are highlighted, where two specific application cases are described with some details.

## DOWNLOAD WHITE PAPER



Visit Photonics Media to download other white papers and learn more about the latest developments in lasers, imaging, optics, biophotonics, machine vision, spectroscopy, microscopy, photovoltaics and more.

www.photonics.com/WhitePapers.aspx

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

Unsubscribe | Subscribe | Subscriptions | Privacy Policy | Terms and Conditions of Use

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949 © 1996 - 2021 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.



