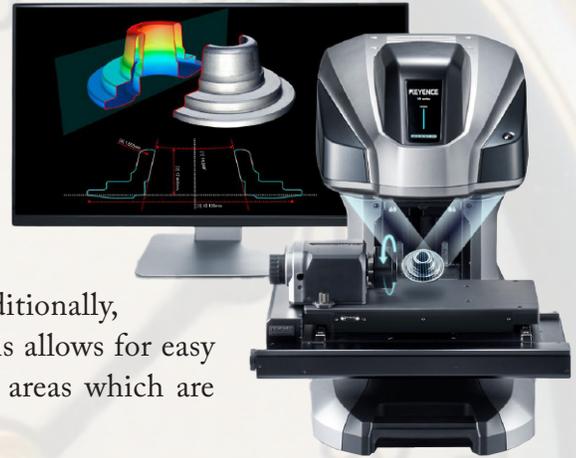


# DIACOM CORPORATION ACQUIRES NEW 3D OPTICAL PROFILOMETER

*Amherst, NH - May 2022*

DiaCom Corporation has added a new 3D Keyence Optical VR-6000 Profilometer to its quality control laboratory.

The new state-of-the-art profilometer can measure profiles, flatness, and roughness in as little as one second with no setup or preparation. The motorized rotation unit enables measurement around the entire circumference of the part and is able to scan both matte and shiny surfaces in as little as one second. Additionally, cross-sections can be produced while eliminating blind spots. This allows for easy and accurate measurement of wall thickness and dimensions of areas which are normally difficult to see without cutting.



The Keyence Profilometer is equipped with dual cameras, one for wide field of view, and the other for high magnification. It can build precise models with up to 25 million data points. Overall target shape can be captured while maintaining a high resolution to measure fine surface textures. A wide range of products and multiple targets are able to be scanned as well. Cross sections of any location scans can be performed as well. Non-destructive cross sections can be acquired around the entire surface of a part as well. Data can be compared between products and analysis of multiple data samples can be automatically performed.

The new profilometer will help DiaCom's quality department more accurately measure part & tool dimensions and to meet ever-evolving quality standards moving forward.

## Diaphragm Design & Manufacturing Leader

DiaCom Corporation, an ISO AS 9100 and ISO 9001 certified company, is a recognized leader in the design, manufacture and application of innovative, high performance molded diaphragm seals. DiaCom serves a variety of markets worldwide including industrial, automotive, aerospace, food processing, water control and conservation, medical instrumentation, appliances and others. DiaCom offers state-of-the-art diaphragms designed for cost effectiveness, ease of installation, durability and high performance characteristics.

 **DIACOM CORPORATION**  
The Diaphragm Company  
Online Guidebook: [www.diacom.com](http://www.diacom.com)



5 Howe Drive Amherst, NH 03031 USA  
Phone: 800.632.5681 603.880.1900 Fax: 603.880.7616  
Internet: [www.diacom.com](http://www.diacom.com) Email: [sales@diacom.com](mailto:sales@diacom.com)