

FARO® OneClick - A New Concept in Automated Inspection

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OneClick Programming and OneClick Inspection

LAKE MARY, Fla., Sept. 10, 2018 /PRNewswire/ -- FARO® (NASDAQ: FARO), the world's most trusted source for 3D measurement and imaging solutions for factory metrology and 3D machine vision, announces the availability of the FARO OneClick system exclusively to members of the FARO Early Adopter Program. The Early Adopter program provides its members access to new innovative, solutions before they become broadly available. Interested parties are encouraged to apply at <https://early-adopter.faro.com/apply-now/>.



OneClick will be exclusively showcased at the International Manufacturing Technology Show (IMTS) occurring September 10-15 in Chicago, Illinois at the McCormick Place Convention Center in the FARO booth located in the east building, level 3 - quality assurance - booth # 135825.

OneClick offers fast, fully automated, high accuracy point cloud inspection of small and medium sized parts. It is specifically designed to be a more efficient and a more resource, space and cost-effective alternative to comparable, hard probe and non-contact Coordinate Measurement Machines (CMMs). OneClick includes fully automated programming, AI driven automation, minimal fixturing, automatic reporting and minimal training to ensure a repeatable, consistent measurement process that is operator independent.

The compact OneClick system includes three harmonized components:

- A metrology grade non-contact scanner that captures millions of high-resolution 3D coordinate measurements in seconds. The device includes an onboard processor (an industry-first feature unique to FARO) and is mounted on a flexible mechanical arm that enables the scanner to "sweep" a part to maximize coverage during the scanning process
- A rotating, highly adaptive fixturing table that enables a part to be mounted and rotated in concert with the positioning arm to capture comprehensive part data
- Fully integrated, intuitive software specifically designed to optimize the OneClick user experience

Fully Automated Inspection Programming

With the *Learn Mode*, OneClick enables users to set up a repeatable inspection routine with no manual intervention. In this process, the software automatically moves through a series of critical steps:

- 1)The model CAD file is first imported into the software on a computer and a "golden" scan is taken
- 2)A representative part is mounted on the rotating table and scanned
- 3)The CAD model and initial scan data is used to determine how the part should be optimally scanned and measured going forward
- 4)The output for standard inspection reports are defined by the parameters identified by the Geometric Dimension & Tolerance (GD&T) information embedded in the CAD file

Once the automated programming routine has been completed, subsequent parts and assemblies can be measured and automatically reported on with just a single key stroke (click) on the computer. As a result, the training process is significantly reduced as skilled personnel are no longer required to drive the process and users have the exceptional degree of confidence that the results are the same every time, regardless of who the specific operator might be.

Flexibility On the Floor

With its small footprint relative to a comparable capacity CMM, OneClick is transportable and easily moved throughout the facilities or to/through a supplier's facility, wherever inspection is needed. Also, users are able leverage fast, high quality inspection capability in just a small area on a table or benchtop.

"With FARO OneClick, we have directly addressed another series of pain points that the industry has articulated since the invention of the 3 axis CMM," stated Simon Raab, Ph.D., FARO President and CEO. "Specifically, the difficult and complex part programming requiring a highly trained quality inspector, sensitive expensive fixturing and complex probing all have combined to create a bottleneck in the inspection process. OneClick directly accelerates the end-to-end inspection process under a variety of circumstances through automated intelligence, high throughput inspection and subsequently expands the breadth of the personnel who can drive quality in manufacturing."

About FARO

FARO is the world's most trusted source for 3D measurement, imaging and realization technology. The Company develops and markets computer-aided measurement and imaging devices and software for the following vertical markets:

- Factory Metrology - High-precision 3D measurement, imaging and comparison of parts and complex structures within production and quality assurance processes
- Construction BIM - 3D capture of as-built construction projects and factories to document complex structures and perform quality control, planning and preservation
- Public Safety Forensics - Capture and analysis of on-site real world data to investigate crash, crime and fire, plan security activities and provide virtual reality training for public safety personnel
- Product Design - Capture detailed and precise 3D data from existing products permitting CAD analysis and redesign, after market design and legacy part replication
- 3D Machine Vision - 3D vision for both control and measurement to the manufacturing floor through 3D sensors and custom solutions

FARO's global headquarters is located in Lake Mary, Florida. The Company's European regional headquarters is located in Stuttgart, Germany and its Asia-Pacific regional headquarters is located in Singapore. FARO has other offices in the United States, Canada, Mexico, Brazil, Germany, the United Kingdom, France, Spain, Italy, Poland, Turkey, the Netherlands, Switzerland, India, China, Malaysia, Thailand, South Korea, Japan, and Australia.

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that are subject to risks and uncertainties, such as statements about demand for and customer acceptance of FARO's products, and FARO's product development and product launches. Statements that are not historical facts or that describe the Company's plans, objectives, projections, expectations, assumptions, strategies, or goals are forward-looking statements. In addition, words such as "is," "will" and similar expressions or discussions of FARO's plans or other intentions identify forward-looking statements. Forward-looking statements are not guarantees of future performance and are subject to various known and unknown risks, uncertainties, and other factors that may cause actual results, performances, or achievements to differ materially from future results, performances, or achievements expressed or implied by such forward-looking statements. Consequently, undue reliance should not be placed on these forward-looking statements.

Factors that could cause actual results to differ materially from what is expressed or forecasted in such forward-looking statements include, but are not limited to:

- *development by others of new or improved products, processes or technologies that make the Company's products less competitive or obsolete;*
- *the Company's inability to maintain its technological advantage by developing new products and enhancing its existing products;*
- *declines or other adverse changes, or lack of improvement, in industries that the Company serves or the domestic and international economies in the regions of the world where the Company operates and other general economic, business, and financial conditions; and*
- *other risks detailed in Part I, Item 1A. Risk Factors in the Company's Annual Report on Form 10-K for the year ended December 31, 2017 and in Part II, Item 1A. Risk Factors in the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2018.*

Forward-looking statements in this release represent the Company's judgment as of the date of this release. The Company undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events, or otherwise, unless otherwise required by law.

More information is available at <http://www.faro.com>

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