

## **PRESS RELEASE**

17<sup>th</sup> May 2018

### **Inspect and measure in one simple solution**

Laser Micromachining Ltd. (LML) supplies high-quality, fast turnaround contract manufacturing services to industry, enabling the rapid and cost-effective production of micro-products.

LML produces a range of components for clients ranging from one-off parts through to millions of production pieces. Measurement is a key part of the process for all this work and clients place great value on the fact that the parts have been checked and measured on a calibrated metrology tool. LML views the measurement of the parts as an integral part of its service and the metrology data is quite commonly provided to the client for incorporation into their quality control records.

To ensure that LML can measure all micro-parts which are produced, the company's manufacturing facility houses a range of measurement equipment. This collection of high specification metrology tools includes a Swift Duo microscope purchased from Optimax Imaging Inspection and Measurement Ltd. The Swift Duo is calibrated to a UKAS standard which provides a certified validation for the measurements made on the system. The micro-features need to be measured accurately, repeatably and easily, with the added requirement that the measurement data can be recorded and shared easily - the Swift Duo does all of these things.

One of the key USPs for LML's services is fast turnaround and this is made possible by having all of the necessary laser and metrology equipment on site and fully functioning at all times. In the case of the Swift Duo system, regular support from Optimax ensures that this is the case and that LML gains the maximum benefit from the wide range of features which the Swift Duo provides for diverse measurement requirements.

Optimax and LML work closely together so that Optimax can understand LML's needs and hence provide the appropriate metrology solutions for LML's evolving requirements. The purchase of the Swift Duo was the result of a close dialogue and the regular interactions have continued; Optimax provides continual, pro-active support, which is of great benefit to small, dynamic companies like LML.

Dr. Nadeem Rizvi, Managing Director of LML commented: 'The Swift Duo is a high-resolution system with the unique advantage of being an optical microscope and a digital measurement system within the same unit. The Swift Duo, as supplied and supported by Optimax, has added greatly to our micro-manufacturing operations. The ability to machine complex parts and measure them accurately with a calibrated microscope has been instrumental in enhancing our services to existing clients and capture new business from a wide range of demanding industries'.

For more information on Laser Micromachining visit [www.lasermicromachining.com](http://www.lasermicromachining.com)

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### Note to Editors

Optimax is one of the UK's leading independent optical inspection, non-contact metrology and force measurement specialists providing a technical, solution based approach to customer measurement requirements and applications. With UKAS accreditation and an experienced team of qualified engineers we also provide service, repairs, calibration and upgrades to equipment in house and at customer premises. Equipment provided includes video and optical microscopes, profile projectors, endoscopes, non-contact measuring instruments, 3D surface analysis and force and materials testing equipment.

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