

## MEDIA INFORMATION

### **Experience Precision in Rubber and Plastics Inspection with Olympus at K 2019**

**In its 100-year anniversary, Olympus will showcase its flexible, high-precision solutions for material analysis, high-precision measurements and thickness gaging of plastic and rubber products at the K 2019 exhibition in Dusseldorf, Germany.**

**Hamburg, 14 October 2019** – Olympus will be exhibiting its [DSX1000 digital microscope](#) and a range of thickness gages, including the new 38-Link wireless adaptor, at booth C27 in hall 10 at [K 2019](#) in Dusseldorf, Germany from 16 to 23 October 2019. The DSX1000 brings together Olympus' renowned optics and digital technology into one easy-to-use, flexible microscope. This high-performance microscope, as well as Olympus' range of thickness gages, are well suited for a variety of applications in plastic and rubber inspections – such as R&D, quality control and failure analysis.

The DSX1000 takes flexible digital microscopy to the next level with its tilting head, motorized rotating stage and 6 observation methods – all available at the push of a button. Furthermore, its 17 objective lenses span a magnification range of 20–7000x to enable fast macro-to-micro viewing at long working distances, which means every imperfection is seen, even in irregular 3D plastic and rubber samples. Finally, the DSX's telecentric optical system ensures guaranteed measurement accuracy for greater inspection confidence.

Like the DSX1000, reliable and confident measurements come as standard for Olympus thickness gages, but each one excels in a different way.

The [38DL PLUS](#) ultrasonic thickness gage is rugged, ergonomic, and provides advanced functionality for precise measurements, including multilayer materials. For simplified data transfer and management, the 38DL PLUS can also be combined with the [38-Link Adaptor](#), which wirelessly connects to the Olympus Scientific Cloud (OSC).

Portable, durable and easy to use thanks to the Hall Effect measurement technique, the [Magna-Mike 8600](#) is useful for measuring the thickness of, for example, plastic containers and rubber tires. A target ball or a target wire can be used to measure the distance between the probe tip and ball or wire, resulting in flexible, fast measurement.

The [45MG](#) ultrasonic thickness gage is a multi-purpose precision thickness gage with five code-activated software options to facilitate different functions. It is compatible with the complete range of Olympus dual element and single element thickness gage transducers for extremely precise measurements of materials, including plastics.

[K 2019](#) delegates can see for themselves how easy to use the thickness gages and DSX1000 microscopes are, at booth C27 hall 10.

For more information, please visit: [olympus-ims.com/en/landing/k2019/](https://olympus-ims.com/en/landing/k2019/).

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