

MEDIA INFORMATION

Olympus at productronica: microscopes for fast and reliable electronic inspections

Continuing its 100-year anniversary celebrations, Olympus will be showcasing its fleet of microscopes, which can quickly and confidently inspect electronic components of all shapes and sizes, at productronica 2019 in Munich from 12 to 15 November 2019.

Hamburg, 5 November 2019 – Olympus will be exhibiting its [DSX1000](#) digital microscope, [LEXT OLS5000](#) confocal microscope, [MX63/MX63L](#) microscopes and OEM solutions in booth 217, hall A1 at [productronica](#) 2019 in Munich. Together, these microscopes help inspectors in the electronics industry achieve the highest level of measurement accuracy, regardless of sample shape or size.

The DSX1000 facilitates precise inspections of electronic components from every angle. Both the headpiece and stage can rotate 180°, enabling quick analysis of samples without having to reposition them. The DSX1000 also makes light work of irregular 3D electronic boards thanks to its long working distance objectives, with magnifications ranging from 20x to 7000x. Users can instantly switch between six observation modes, ensuring the widest possible range of inspections can be carried out on a single instrument.

The LEXT OLS5000 laser confocal microscope acquires highly accurate 3D measuring data in less time, making it ideal for high-throughput electronic inspections. The PEAK algorithm for 3D data construction and intelligent Skip Scan function reduce data acquisition times by 75%, while 4K scanning and Smart Judge function ensure this data is highly accurate. Its ultra-long working

distance objectives mean that, like the DSX, the OLS5000 can also handle challenging 3D samples.

The MX63 and MX63L microscopes are the perfect solutions for large electronic components, such as circuit boards, flat panels and wafers as large as 300 mm. The infrared capability also makes them good for inspections on silicon-based components. They both come in an ergonomic, modular design, which allows them to be tailored to specific applications. As with all Olympus industrial microscopes, the MX63 and MX63L come with Olympus' trusted optics, ensuring clear images and reliable inspections.

productronica 2019 delegates can see for themselves how flexible Olympus' electronic inspection microscopes are at booth 217 in hall A1. Here, members of the Olympus team will also be on hand to discuss ways of incorporating the microscopes into custom OEM solutions.

For more information about productronica 2019, and to claim a free ticket, please visit olympus-ims.com/en/landing/productronica-voucher/.

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