

# LAS Live Measurement

**Convenient and efficient Measurements for demanding microscopy Solutions**

**Living up to Life**

**Leica**

MICROSYSTEMS

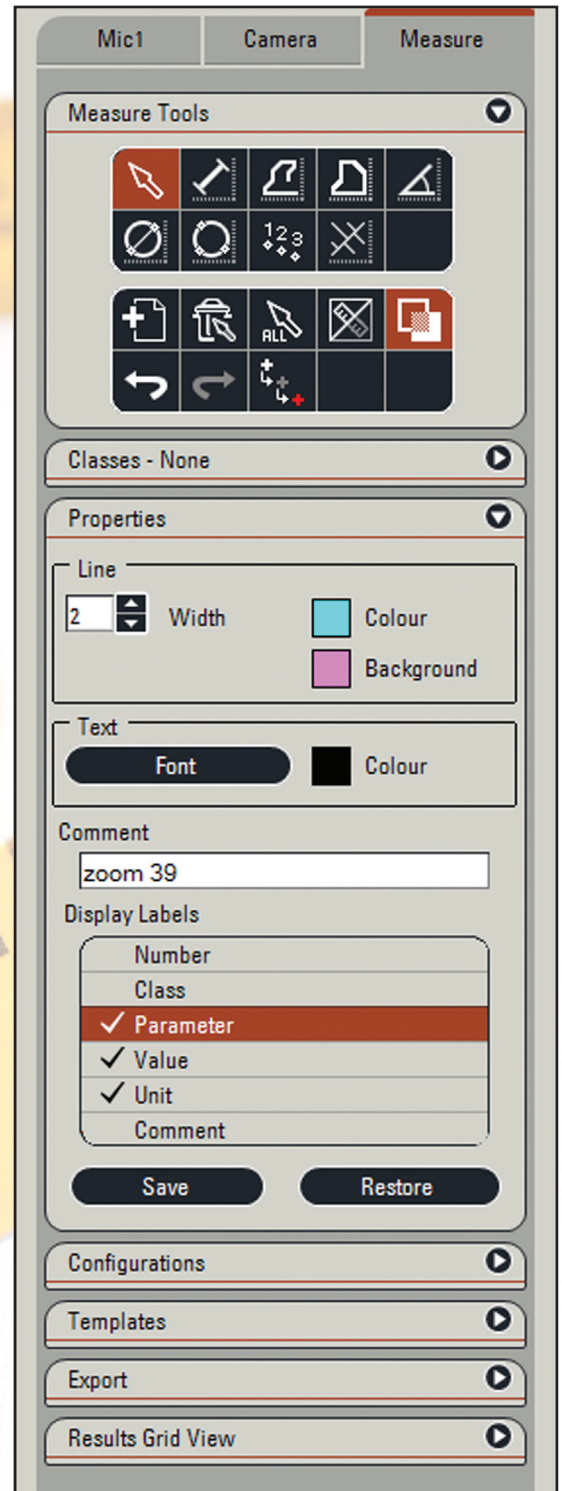
# Speed up your Measurements

## Efficient Measurements

Making measurements can be a time consuming and tedious task particularly when there is no easy method of reproducing the same measurement definitions. LAS Live Measurement brings all of the flexibility and precision to the live image through its efficient measuring tools which eliminates much of the hard work involved in the manual process. Measurements and analysis can be readily customised and accurately recreated for exact data comparisons.

The workflow nature of the User Interface means that using LAS Live Measurement couldn't be easier. Simply trace the object of interest directly on to the live camera image to immediately derive calibrated parameters such as length, area, perimeter, diameter and angle. Traced objects can then be grouped and allocated to different classes along with customised descriptions, colours, captions and statistical data so that all measurement data is easily accessible. Measurement definitions can also be saved and used as a template for future purposes whereby a direct comparison of the results can be made.

Once an image has been acquired, measurement feedback is indicated and labelled on the traces drawn on the live image. These traces can be merged with the image for a permanent record and instantly stored and recalled. This provides a very convenient method of rapidly recreating dimensions with numerous components of the same type.



### Speed and Convenience

The many benefits of LAS Live Measurement are immediate to see. Not only is speed and efficiency brought to every job but there is no longer a need for archives to be cluttered with unnecessary images as only the salient ones need to be stored. Important dimensions such as counts, positions or areas can be checked prior to capture in live image mode so only the essential images need to be captured.

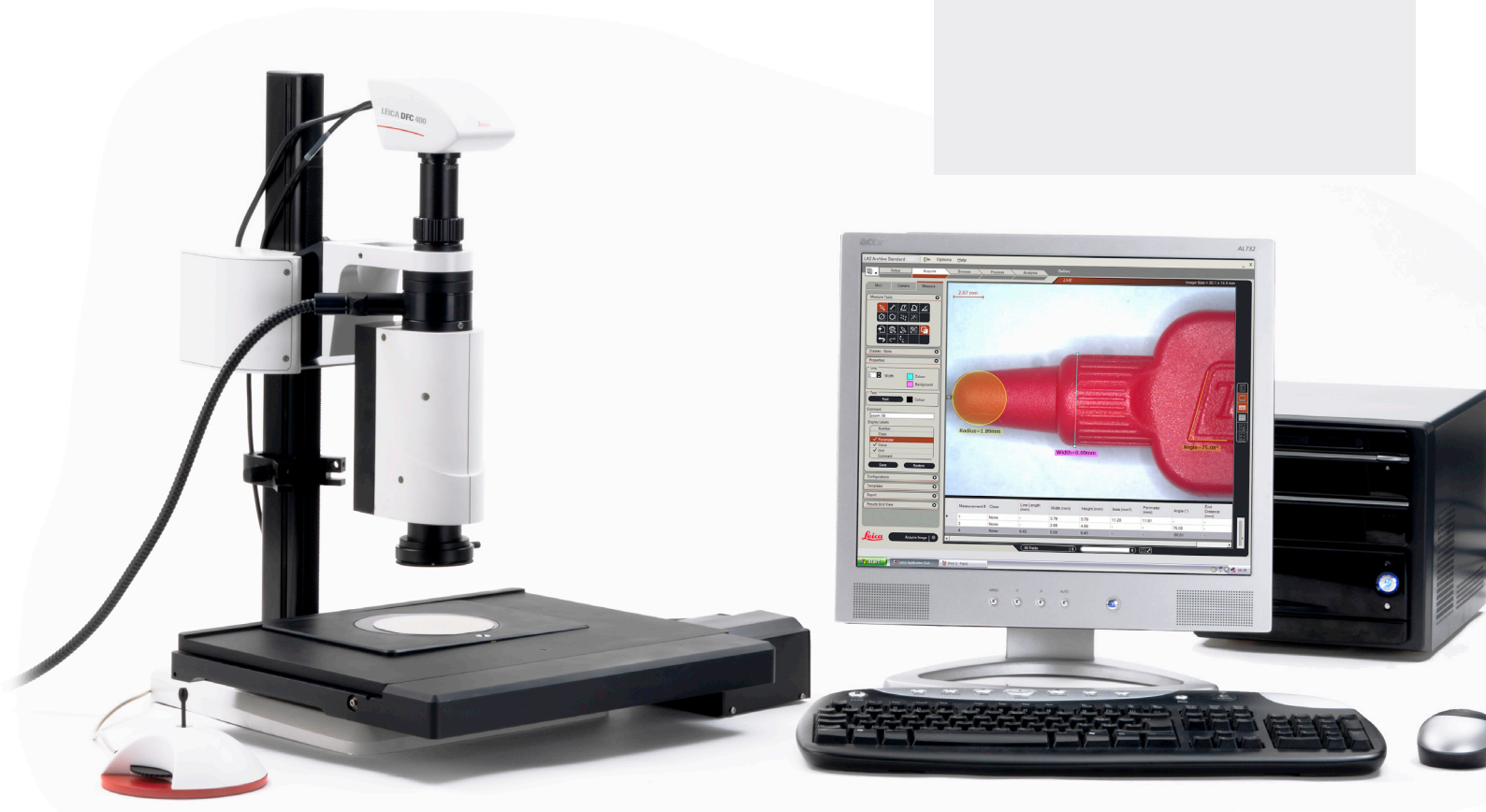
A wide range of precision measurement tools are available which can be configured for individual needs. These include line thickness, color, comments, labels and many more intuitive tools.

### Full Leica Application Suite Integration

LAS Live Measurement is fully integrated with the Leica Application Suite. This common core functionality creates an intelligent and automated micro-imaging environment that includes the basic software for configuration and control of all Leica Microscopes and Digital Cameras making acquisition, analysis and the processing of high quality images effortless

### Key benefits:

- Easy customisation from initial measurement set up through to analysis
- Constant live image display with measurement data available on top of the image for time saving purposes
- Measurement templates provide a convenient means of comparing current and previous images
- Populations of objects can be counted and allocated to different classes for instant visibility and easy comparison
- Multiple measurement types including distance, line, area, angle, circle 3 point, circle diameter and count for detailed results
- Rapid store and recall functions so object tracings can be quickly checked and reviewed
- Results can be displayed in tabular form or exported to Microsoft Excel for further analysis
- In-depth statistical reports for meaningful results.
- Easy zoom adjustment so that large and small objects can be measured in the same field of view



# Leica Microsystems – the brand for outstanding products

Leica Microsystems operates internationally in four divisions, where we rank with the market leaders.

## • Life Science Research Division

Leica Microsystems' Life Science Research Division supports the imaging needs of the scientific community with advanced innovation and technical expertise for the visualization, measurement and analysis of microstructures. Our strong focus on understanding scientific applications puts Leica Microsystems' customers at the leading edge of science.

## • Industry Division

The Leica Microsystems Industry Division's focus is to support customers' pursuit of the highest quality end result by providing the best and most innovative imaging systems for their needs to see, measure and analyze the microstructures in routine and research industrial applications, in materials science and quality control, in forensic science investigations, and educational applications.

## • Biosystems Division

The Biosystems Division of Leica Microsystems brings histopathology labs and researchers the highest-quality, most comprehensive product range. From patient to pathologist, the range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab. With complete histology systems featuring innovative automation and Novocastra™ reagents, the Biosystems Division creates better patient care through rapid turnaround, diagnostic confidence and close customer collaboration.

## • Surgical Division

The Leica Microsystems Surgical Division's focus is to partner with and support micro-surgeons and their care of patients with the highest-quality, most innovative surgical microscope technology today and into the future.

Leica Microsystems' mission is to be the world's first-choice provider of innovative solutions to our customers' needs for vision, measurement and analysis of micro-structures.

Leica, the leading brand for microscopes and scientific instruments, developed from five brand names, all with a long tradition: Wild, Leitz, Reichert, Jung and Cambridge Instruments. Yet Leica symbolizes innovation as well as tradition.

## Leica Microsystems – an international company with a strong network of customer services

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