

From Eye to Insight

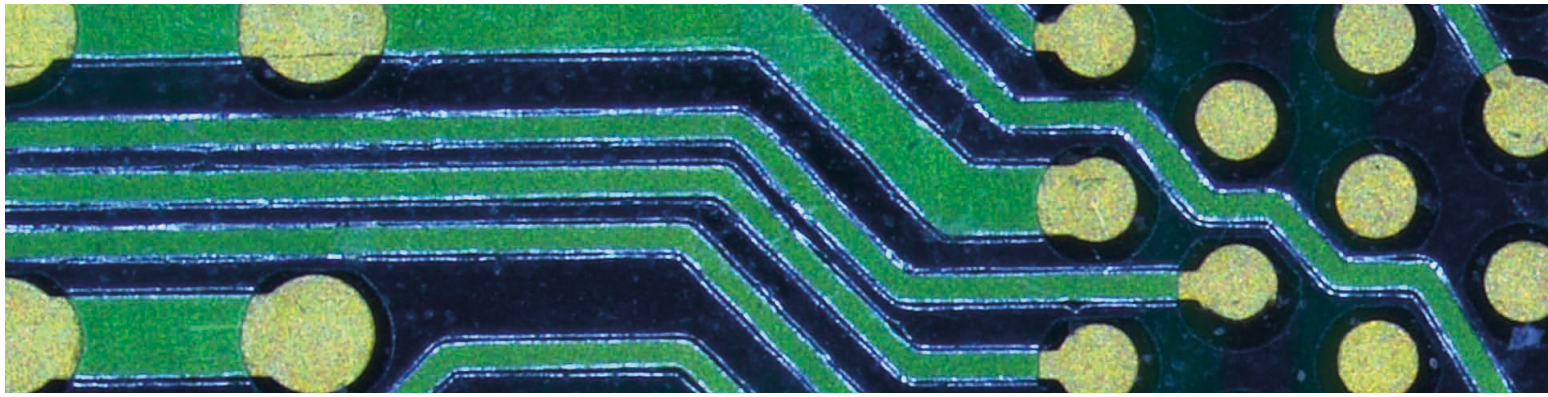
Leica
MICROSYSTEMS

Inspiring simple inspection

Emspira 3
Digital microscope



red*dot* winner 2022

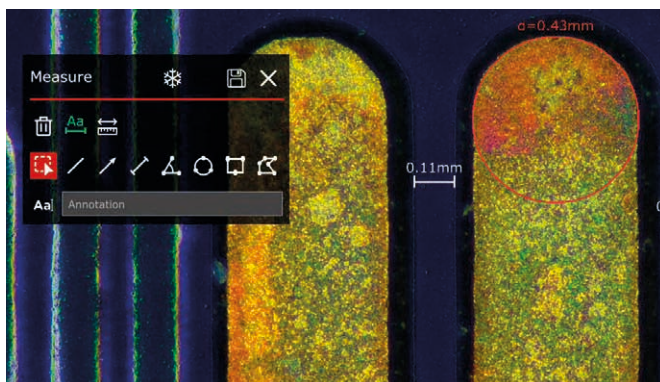


Emspira 3 digital microscope empowers users to streamline inspection processes, cover inspection needs flexibly, and work in a confident and reliable way, with a single system.

STREAMLINE YOUR INSPECTION PROCESS

Inspect with a single system

Perform comprehensive visual inspection tasks with no need for a PC – the integrated on-screen display provides intuitive tools in stand-alone mode. You don't need to have different workstations for dedicated work steps.



Measurements done with the integrated on-screen display in stand-alone mode.

Measure directly during visual inspection without a PC

- > In stand-alone mode, measure multiple regions on the sample in the live image

Directly compare to references with a single click

- > For easier decisions, compare the live image to reference images or customized overlays to check if parts are within tolerances

Enhance communication for fast decisions

Directly save images on network folders and share them with co-workers via email.



Emspira 3 digital microscope with standard base and LED3000 ring light illumination.

Annotate images without a PC

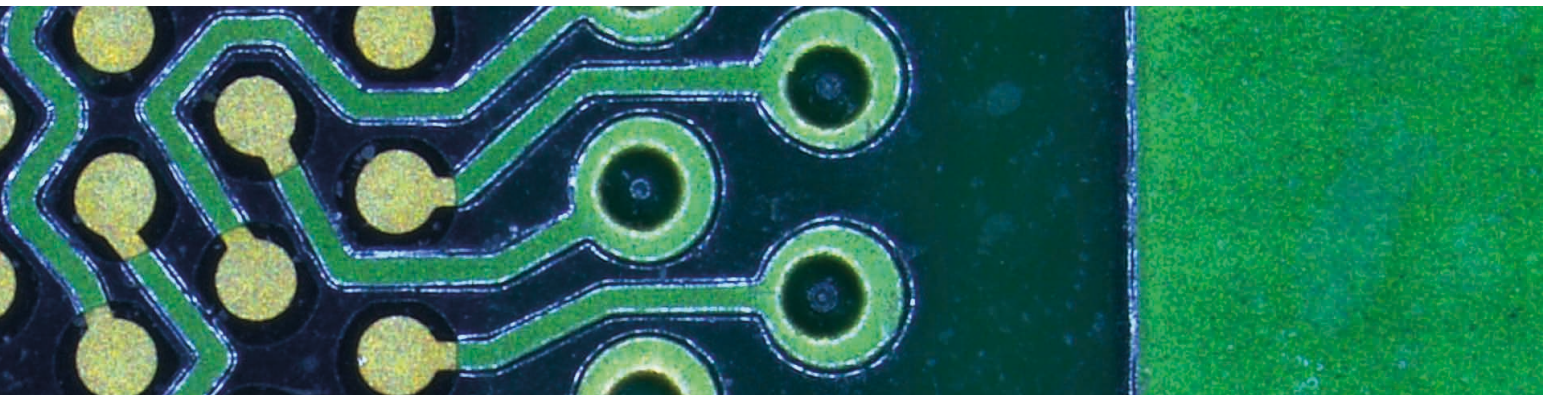
- > Add annotations directly to the image using the integrated on-screen display
- > Easily highlight features and areas of interest on the sample by adding comments and conclusions, as text and graphical elements, to the image

Automatically save images on your network

- > Save images and results from inspection directly to your local network via ethernet connectivity for fast storage
- > Simultaneously take and share images with a single press of a button using the optional hand/foot switch

Share results via email with one click

- > Easily share documentation directly with email contacts without a PC



COVER YOUR INSPECTION NEEDS FLEXIBLY

Adaptable for your different tasks

Customize Emspira 3 to the demands of many samples and easily adapt it to the changing needs of specific applications, thanks to its modular design and large variety of accessories.



Emspira 3 is adaptable to your requirements – available in different configurations.

Use the illumination that works for your sample

- > Reveal relevant details with the appropriate illumination

Go smoothly from overview to details

- > Quickly change sample field of view with 8:1 zoom range
- > Help to ensure correct measurements with encoded zoom

Just use it – designed for everyone

Emspira 3 is designed for users of any skill level and the system can be operated intuitively with minimal training, saving you time and effort. Work according to your preferred style – using a mouse, keyboard, touch display, and hand / foot switch.



Emspira 3 digital microscope with integrated on-screen display.

Simplified use with an adaptable user interface

- > Hide functions not needed for simplified operation
- > Make the interface as lean as desired

WORK WITH CONFIDENCE

Keep your data easily available at all times

Minimize the risk of data loss by keeping results and data on your local network for worry-free storage. The resulting documentation is accessible anytime.

Designed for robustness

Uptime is maximized as the robust and reliable design minimizes maintenance due to low wear and tear. The robust IP 21 housing of Emspira 3 protects its internal optics and mechanics from industrial environments. Its AgTreat antimicrobial surface also reduces the risk of spreading germs among users.



Ergonomic workplace

- > View live images (with no eyepieces), displayed at up to 60 fps, in 4K resolution directly on a monitor
- > Inspect in a comfortable way with less strain

YOUR ADVANTAGES WITH EMSPIRA 3

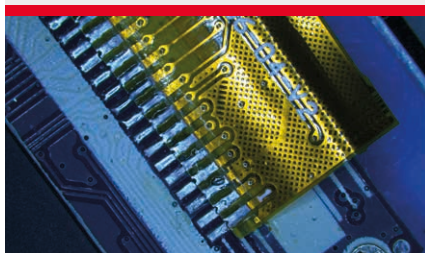
Streamline your inspection process

Your integrated solution for comparison, measurement, and data sharing, allowing you to optimize inspection efficiency and ditch the PC.



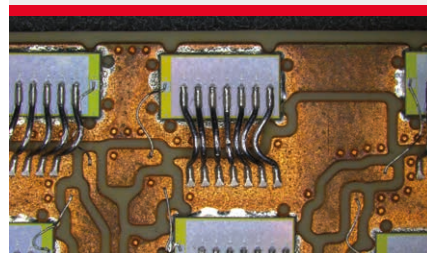
Cover your inspection needs flexibly

Work the way you want. Adapt the solution to your requirements and the needs of individual users.

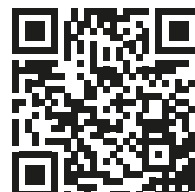


Work with confidence

Focus confidently and reliably on your inspection work both in production and laboratory environments thanks to the robust design of Emspira 3.



CONNECT
WITH US!



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