



# 2021

TO NEW FIELDS  
**AND BEYOND**

AND BEYOND

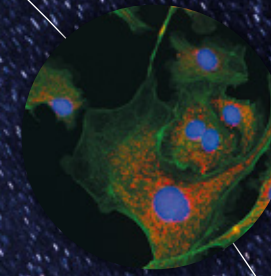
Motic presents State-of-the-art technologies for an ambitious work in life science research, routine labs or industrial quality control with its new Expert Series.



Expanded 25mm  
Field of View.

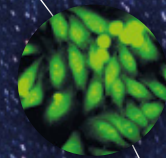
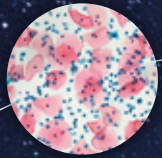


Expertly Engineered with user-friendly automated functions. Comfortable Viewing, ECO light & IL function, and more "À la carte" options.



Ingenious fluorescence system: 6 position filter cube turret, UV-B-G LED excitation channels separately controllable and powerful LUMOS FL light source.

Powerful illumination:  
100W Halogen in Full  
Koehler setup.



Convincing Optical performance.  
Automatic EDF mode with a  
motorized Z-stage optional.



# PA53 BIO & FS6

**Evolved for clinical and life science research**

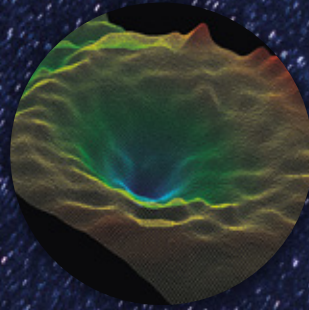
We are proud to present all our PA53 high-end expert solutions with a stunning performance in optics, mechanics and flexibility for customized solutions at an impressive price/performance ratio. With our PA53 BIO, there is no need for a compromise between application-based requirements and budget. The microscope features an ergonomic design and an intuitive operating layout, ensuring an efficient workflow. Plenty of illumination power, an enlarged Field of View, and new high-performance Plan UC Fluor objectives with better Numerical Apertures: The improvements for the daily work of researchers, pathologists, cytologists and hematologists are noticeable from the very beginning.

When it comes to Fluorescence within the PA53 FS6 model, the coded 6-fold cube turret in cooperation with individually controlled LED illumination channels is simply overwhelming. A professional fluorescence digital image processing solution for multi-channel imaging can be supplied by a plug-in for our Motic Images Plus 3.0 software. Are you working with spatial samples? Have a look at PA53 FS6 EDF version for an elegant handling of Z-stacks. Imaging at highest level, information from the 3rd dimension.





Motorized x/y stage with Image stitching capabilities for panorama images.



Ready to explore the 3rd Dimension with the 3D Profiler tool: Motic Analysis Software.



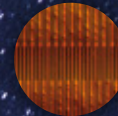
Versatile system for a wide range of expert purposes.



Slim design, incredible performance with Plan-Apochromatic optics.



Optical flexibility for opaque and other materials: BF/DF objectives; DIC available.



CMO infinity optical system: 7:1 zoom with 10 click stops for reproducible magnification steps.

## PA53 MET

**Ready for the industrial field**

If it comes to quality control in industry, smooth and easy measurements, a repeatable quantification in all dimensions is required. Transparent or opaque samples, the Motic PA53 MET Series of Advanced Upright microscopes give an answer to all your demands.

Brightfield, Darkfield and DIC with a single prism gives plenty of information from reflective surfaces in incident light. A motorized nosepiece for ease of magnification change, or a motorized X/Y stage for the acquisition of panorama images may be your choice in case of large format samples. An optional motorized Z-axis to handle a 3D profiler tool for simple topographic images or even measurements in Z is available for clear and accurate results. The Motic Analysis Software will help to evaluate every dimension of your sample in quantitative aspect.

## SM7

**For perfect color fidelity in all application fields**

A stereo microscope is a universal instrument. Whether in the biomedical field or in industrial inspection, an upright image with 3D impression is essential. Preparation work in biology, sample extraction in medicine, repair work on a clockwork, examination of goods on arrival: all these fields of application require an affordable high-performance stereo microscope.

A 7:1 zoom mechanism is an elegant solution for stepless magnification. 10 click-stops for reproducible magnification steps help in case of precise reproduction of magnification steps. Measurements are facilitated, errors are minimized. For highest color fidelity, Plan-Apochromatic optics are a key issue. Trust your eyes, follow your intuition.

[www.moticeurope.com](http://www.moticeurope.com)

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Design Change: The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.