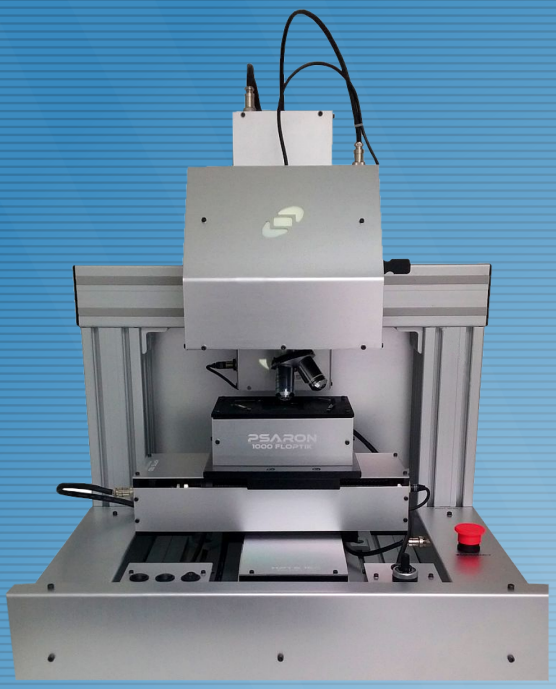
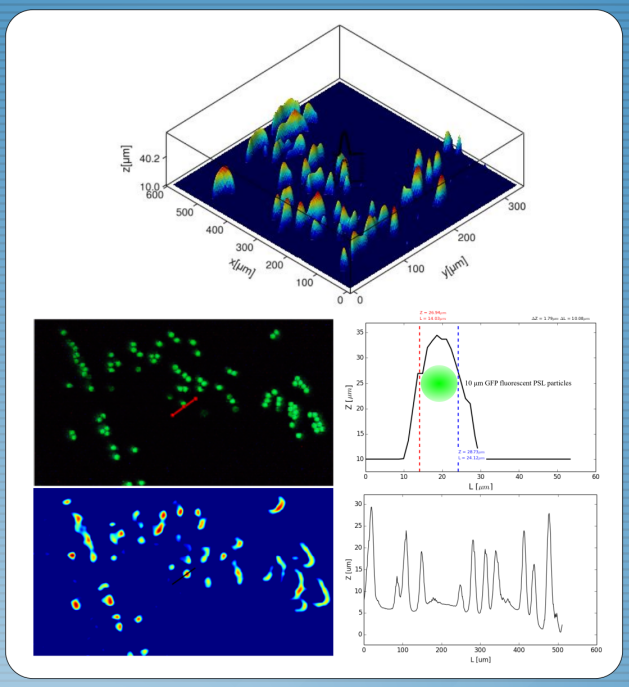
PSARON
HIGH TECH INSTRUMENTS

FLOPTIK
3D FLUORESCENCE MICROSCOPE





FLOPTIK is the 3D fluorescence microscope combining 3D microscopy with fluorescence imaging. Fluorescence roughness measurement enabled !

- **Most advanced fluorescence microscope with 3D fluorescence imaging capability**
- **Measurement of 2D/3D Fluorescence roughness measurement suited for experiments such as determining confluency and fluorescence efficiency(First time in the market)**
- **Trans and epi illumination for microscopic imaging**
- **Upto 3 fluorescence channels (fully automatic motorized changing via software)**
- **Embedded LED/Laser excitation sources with high life time (upto 20,000 hr)**

Software

-Fully digital microscopy with digital autofocus - 2D/3D all-focus images with advanced image processing technology
-Real time measurement on the live image in different modes: Line, geometric, depth, volume, area, 3D profiling, and freehand measurements. No secondary software is required for postprocessing.
-3D surface mapping with paper quality graphics output options and direct STL transfer of the CAD and 3D printing
-1000 points XYZ coordinate memory to analyze the sample at different regions and automated position change
-Self-operation with fully automated programmability for time lapse experiments to acquire 2D/3D images with fast autofocus

Hardware

-100 x 100 x 50 mm (4” x 4” x 2”) XYZ working range with 1um repatibility
-4x, 10x, 40x, 100x objectives with upto 1200x magnification - Resolution upto 50nm/pixel
-P-CAMm optics unit with camera (2mp and 5mp scientific camera options)
-USB 2.0 control electronics (110-240V 50/60Hz)
-XYZ Joystick controller unit

Warranty and Support

-1 year unlimited hardware warranty with replacement option
-Service packages available up to 7 years with standart update option
-Turnkey solution with software installed PC , on-site training and online customer support
-International high profile clients using PSARON systems for science, engineering and industrial applications

PSARON HIGH TECH INSTRUMENTS
info@psaron.com & www.psaron.com & +90 312 394 6634