

HIGH PRECISION, COUNTLESS APPLICATIONS.

# FluidFM® PROBES PORTFOLIO

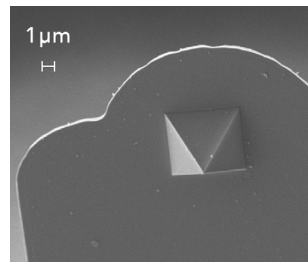
Get the perfect tool for your nano-manipulation task from our selection of FluidFM® probes. Cytosurge FluidFM® micro- and nanopipettes are available in a broad variety of tip shapes, aperture sizes and mechanical specifications. Each type of probe is optimized with your application in mind, providing you the best possible solution for all your experimental needs. From single cell manipulation to nanolithography: Micropipettes have never been more versatile and easy to use.



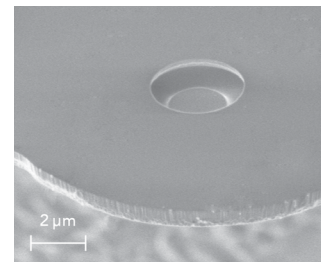
**SMART PACKAGE.** Safe, convenient and with a unique identifier. Our blister pack offers optimal protection for your FluidFM® probes.

## GAIN MORE INSIGHTS. FASTER.

Get started with your experiments in minutes. All our probes come pre-mounted on a convenient carrier clip featuring integrated fluidic reservoirs and liquid access ports. Thanks to this specially designed packaging solution FluidFM® probes are easy to handle and ready to be used for your experiment.



FluidFM® nanopipette



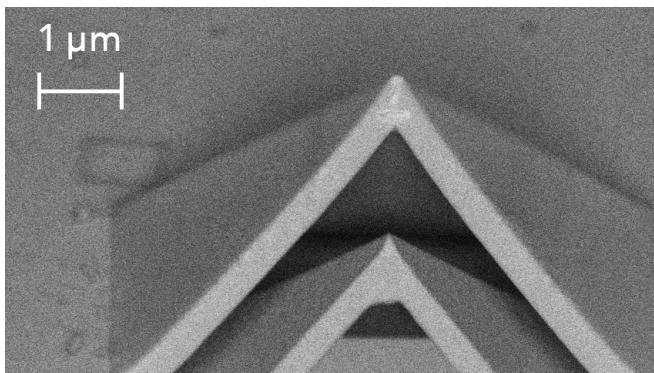
FluidFM® micropipette

**HIGH QUALITY**  
MICROFABRICATION

**PRECISE**  
> 50nm APERTURES

**INTEGRATED**  
MICROFLUIDIC SYSTEM

**VERSATILE**  
∞ APPLICATIONS



**PRECISION THROUGH MICROFABRICATION.** Cross section of a FluidFM® nanopipette.

Add extra chemical coatings or pre-load your probe with expensive cargo liquids: Our packaging solution will make your prep work simple and efficient.

The convenient handling of our probes enables a fast setup procedure and reduces time to collect your first data-point. Benefit from fast probe exchange and avoid cross contamination between your experiments.

Designed with your productivity in mind our probe solutions give you better statistics and higher reproducibility for your research.

## HIGH QUALITY FOR YOUR CONVENIENCE.

Our probes are produced according to a patented high precision micro-fabrication process guaranteeing constant quality at the nanometer scale. We take pride in our Swiss precision and craftsmanship: Our knowhow goes into every single probe we deliver. Each specimen is thoroughly tested to comply with all quality requirements of our customers. Specially designed sealed probe blister packages help to transport the full potential of FluidFM® to your lab bench, providing excellent cleanliness and robustness for safe transport and long-term storage. Each individual package is marked with a unique trackable barcode enabling the FluidFM® ARYA operator software to automatically load and use all relevant probe information. Bring the power of FluidFM® to your lab with our convenient, high quality probe solutions.









CONVENIENT AND READY TO USE. FluidFM® pipette pre-mounted on carrier clip.



PERFECT INTEGRATION WITH YOUR INSTRUMENT. FluidFM® pipette mounted on AFM scan head.

## PERFORMANCE SPECIFICATIONS.

FluidFM® probe type	 FluidFM® micropipette	 FluidFM® nanopipette	 FluidFM® Rapid Prototyping Probe	
opening diameter	2, 4, 8µm	300nm	30nm or more	
main application	 single cell adhesion	 nanolithography	 single cell injection	
tip shape/opening shape	flat/circular	pyramidal/circular	pyramidal/custom	
available spring constants	2 and 0.2N/m	2N/m	2 and 0.2N/m	
probe dimensions	length 200µm	width 36µm	height 1 to 1.5µm	pyramid height 7µm

## YOUR TOOLBOX FOR THE NANOWORLD.

Take advantage of a wide variety of different probe designs and choose your probe in accordance with your specific application. The FluidFM® probe toolbox allows you to benefit from the virtually unlimited applicability of FluidFM® technology.

### CONTACT US.

We offer complete support for our customers and distributors. Please visit the Cytosurge Help Center in order to access the FluidFM® user community. [www.fluidfm.com](http://www.fluidfm.com)

## RAPID PROTOTYPING PROBES AND SERVICES.

FluidFM® Rapid Prototyping Probes offer a flexible solution for all types of applications requiring non-standard, customized probe aperture geometries. You can individually tailor your probe aperture using a focused ion beam (FIB) finishing process.

Profit from our expertise in microfabrication technology: Cytosurge also offers complete prototyping services for your custom probe requirements.