NanoGrip Technologies, a Georgia Tech/VentureLab start-up company specializes in the development of mechanically actuated microtools, which provide micro-scale manipulation and characterization of structures, devices and biological objects.

Mimicking macro-scale forceps, NanoGrip’s team (pictured) developed an array of mechanically actuated microtools that are easily integrated into micropositioning systems of traditional probe stations. This, in turn, translates probe tips from a single-degree of motion microprobe into a multi-degree of motion functionalized microtool, capable of managing such delicate tasks as microassembly, electrophysiology, and microdissection.

NanoGrip’s proprietary microfabrication and packaging processes accommodate a wide variety tip designs as well as tip materials, which can be customized to suit different end applications.

Applications span the areas of microfabrication and assembly, nanotechnology and life sciences.

NanoGrip’s reliable, low-cost technology platform facilitates MEMS / NEMS / Biotech innovation and greatly increases the number of players that can participate in the micro- and nano-related research markets.

For additional information about NanoGrip, please visit http://www.NanoGripTechnologies.com/