

The **Nanobot nanomanipulator** is the most adaptable **nanomanipulation** product on the market. It's [ease of use](#) and programmability make it easy to deploy in most applications of scanning electron microscopes (SEM) or focused ion beam (FIB) installations.

Xidex strives to provide the best [nanomanipulator](#) solution to lab directors and nanoscientists across many industries and utilizes the versatile LabView system to develop highly configurable yet easy to use systems.

Applications include :

- the [nanomanipulation of Gold Particles](#)
- [Carbon Nanotubes \(CNT\)](#) for semiconductor metrology
- [nanofabrication systems](#)
- and many more.

## Specialized Nanomanipulation Applications

The Nanobot [nanomanipulator](#) can be used with other Xidex products to extend its capabilities.

The [Parallel Gas Injection System](#) accommodates up to four different gas precursors. This nanomanipulator based gas delivery system takes full advantage of the Nanobot's different operating modes for precise interaction with micro- and nano-scale particles.

The Nanobot nanomanipulator can also be outfitted with a [gripper](#) and a [force sensor](#) to complement this highly adaptable nanomanipulation product.