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# Attostat

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## WHAT IS ATTOSTAT ?

Attostat on a Needle



Attostat has revolutionized nanoscience. For decades, researchers and companies have known that nanotechnology is the future; however, nanotechnology—up to this point—has been cost prohibitive. Attostat has now solved this problem by creating a proprietary process for producing nanoparticles that are uniformly sized and shaped at scale.

We have the ability to industrially mass-produce nanoparticles—something that no one else can accomplish. This technology is an intersection of chemistry and lasers.

What is nanotechnology

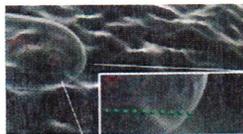
Attostat is the building block of new technology. Where micron technology got us through the 70s, 80s, and 90s, nanotechnology will take us into the future with the promise of doing more with less.

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Power of Nanotechnology

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### The Attostat Advantage



One of Attostat's major advantages includes the fact that no hazardous chemicals are needed to perform the one-stop process of using laser ablation and cross lasers to create nanoparticles, which results in no ions being produced. This process allows Attostat to have long-lasting effects on the particles that are created. Another advantage is that we can put the nanoparticles directly into different types of media that, in normal

### Nano Comparisons



Silver, known for its antibacterial properties, is classified by the way that it gives off ions. Our methods ensure that the created product does not give off possibly harmful ions but still has an antibacterial effect. So our products are able to utilize a different method to kill off bacteria than other ion-based products that are already out there. Attostat's nanomaterials are stable and continue to have their antibacterial effect.