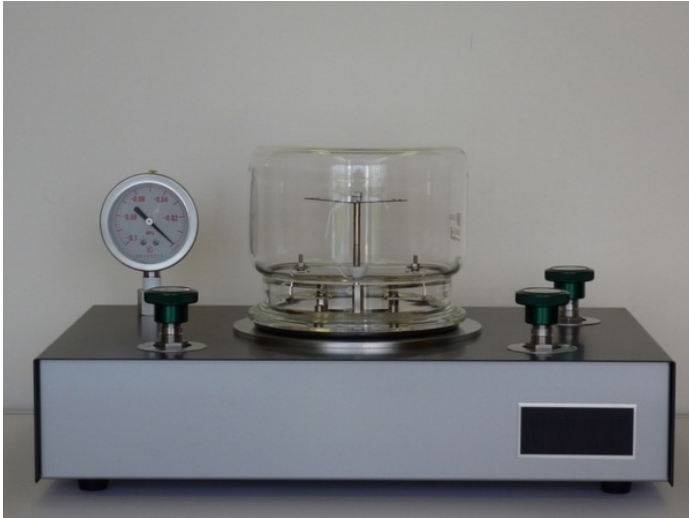
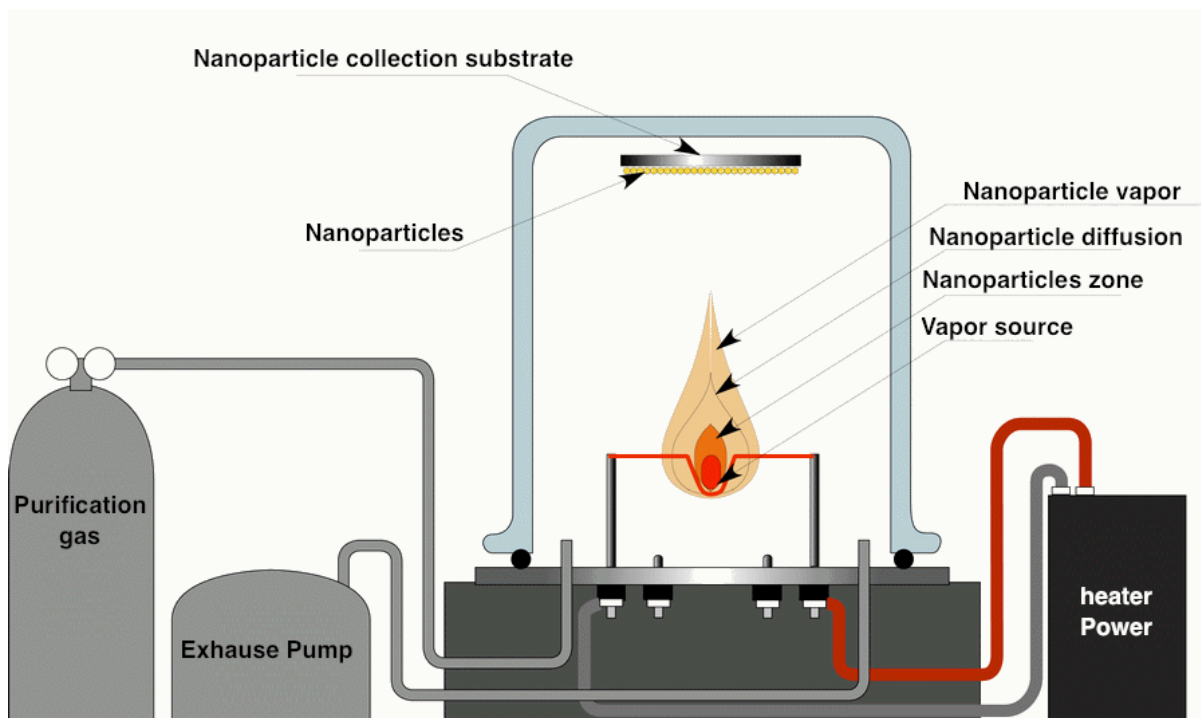


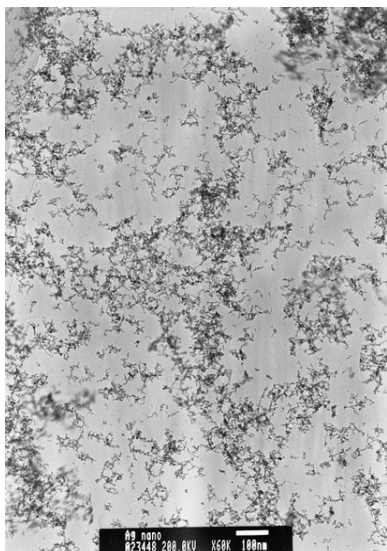
Nanoparticles creating device



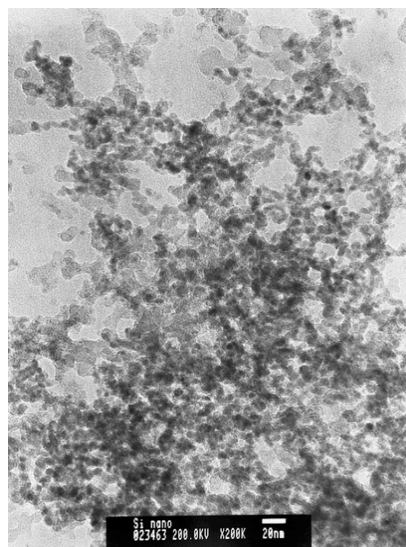
A nanoparticles creating device by having metal material vaporize in inactive glass container

- 10~20nm nanoparticles are usually created varying with material type or processing condition.
- Created nano particles are accumulated on substrate, and forming nanoparticle film.
- Customized by demand, such as high-frequency (RF) heating method, expansion scale, high-frequency spec and so on.





TEM of Ag nanoparticle



TEM of Si nanoparticle



Creation moment of nanoparticle in organic glass housing

Basic Structure	
Mainframe	<ul style="list-style-type: none">- Heat-resistant organic glass housing- Purified gas tube- Exhaust pump(Rotary pump)- Leakage tube- Vacuum meter- current import terminal
Heater	<ul style="list-style-type: none">- Tungsten- Working temp. ~2000°C
Heater power supply	<ul style="list-style-type: none">-Rating power: 400W AC90-250-Single-phase 50-60Hz-External dimension: W110mm×H130mm×D405mm