

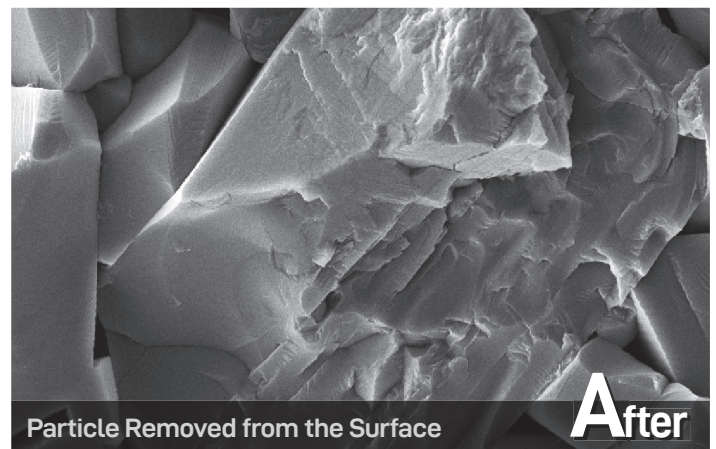
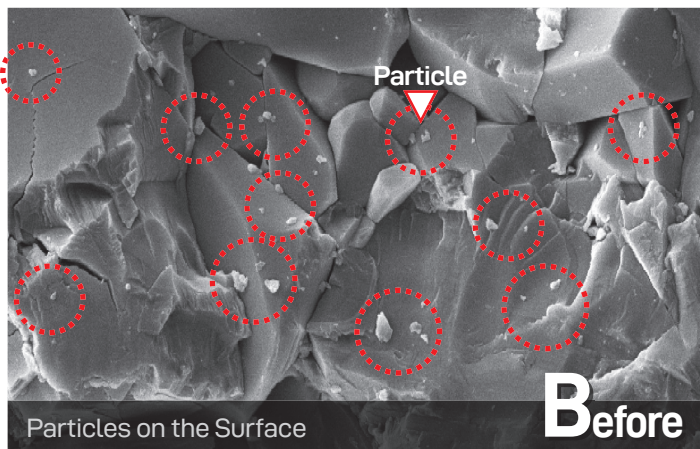
# CINOS

## Ultra-Precision Purity Cleaning Using Fine Grains

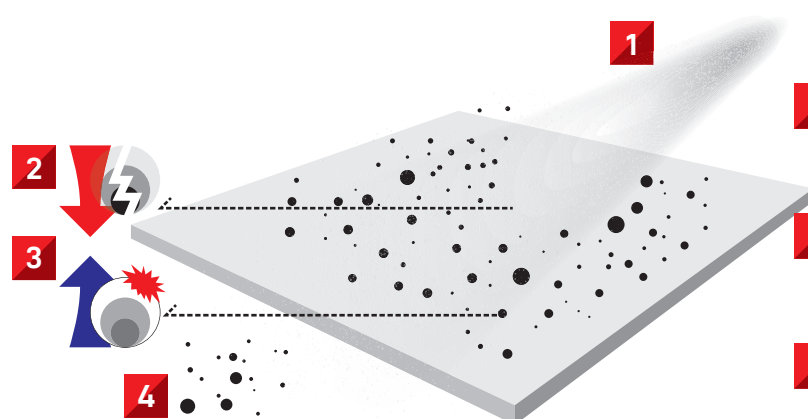
### PSC™ Cleaning

and fine CO<sub>2</sub> grains induce contamination ablation cleaning through sublimation as the secondary chemical reaction after penetrating in the generated crack. We have the technology that can selectively apply CO<sub>2</sub> grain size according to the material and shape of contamination and objects to be cleaned, **which can be very effective in preventing damage to the objects and cleaning weak points.**

### Performance



### Method



- 1 Physical Blasting**
  - Fine grains are sprayed with compressed air and collide with the surface.
- 2 Thermal Shock**
  - Cracking Contaminants through Contracted by 78.5°C Sublimation Heat.
- 3 Sublimation Expansion**
  - Expands to 800 times its own volume and destroys the interface.
- 4 Ablation**
  - Contamination Removal by Compressed Air with High-Speed.

# Method Comparision

## PSC™ Cleaning

Method	Secondary Waste	Illuminance Change	Substrate Damage	Harmfulness
PSC™	X	X	X	X
Water	0	X	X	0
Steam	X	X	X	X
Bead	0	0	0	0
Solvent	0	0	0	0
Chemical	0	0	0	0

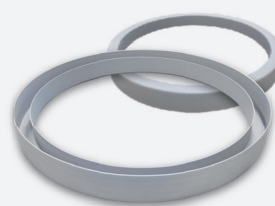
When chemicals are used for cleaning, environmental pollution and changes, damage, and harm to the substrate are accompanied. Unlike chemicals, PSC™ Cleaning is a cleaning method that produces little secondary waste and does not cause changes in illuminance, damage to the substrate, or is not harmful.

## Merit

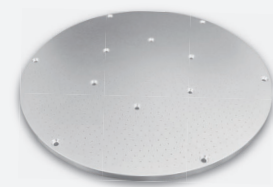
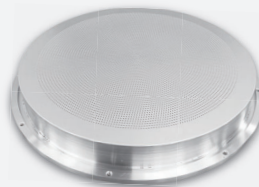
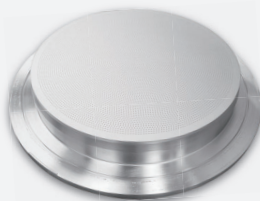


## Application

### Metal



### CVD



### Etch

