

CIS™/DIS™

Chemical / Deionized Water Injection System

Patent No.10-1257482

CIS™/DIS™ is the dedicated cleaning device for chemical cleaning inside of fine holes. The cleaning chemical cannot smoothly penetrate the fine holes due to high surface energy of the cleaning chemical so, it is impossible to clean inside of the holes with general immersion cleaning, and a lot of particles are generated when the chamber is installed. It is designed to control the operation of other CIS/DIS equipment depending on hole size, the number of holes, geometry and others by controlling the flow and temperature of dedicated cleaning chemicals and fluids with improved surface energy, thereby achieving a perfect contaminant removal effect.

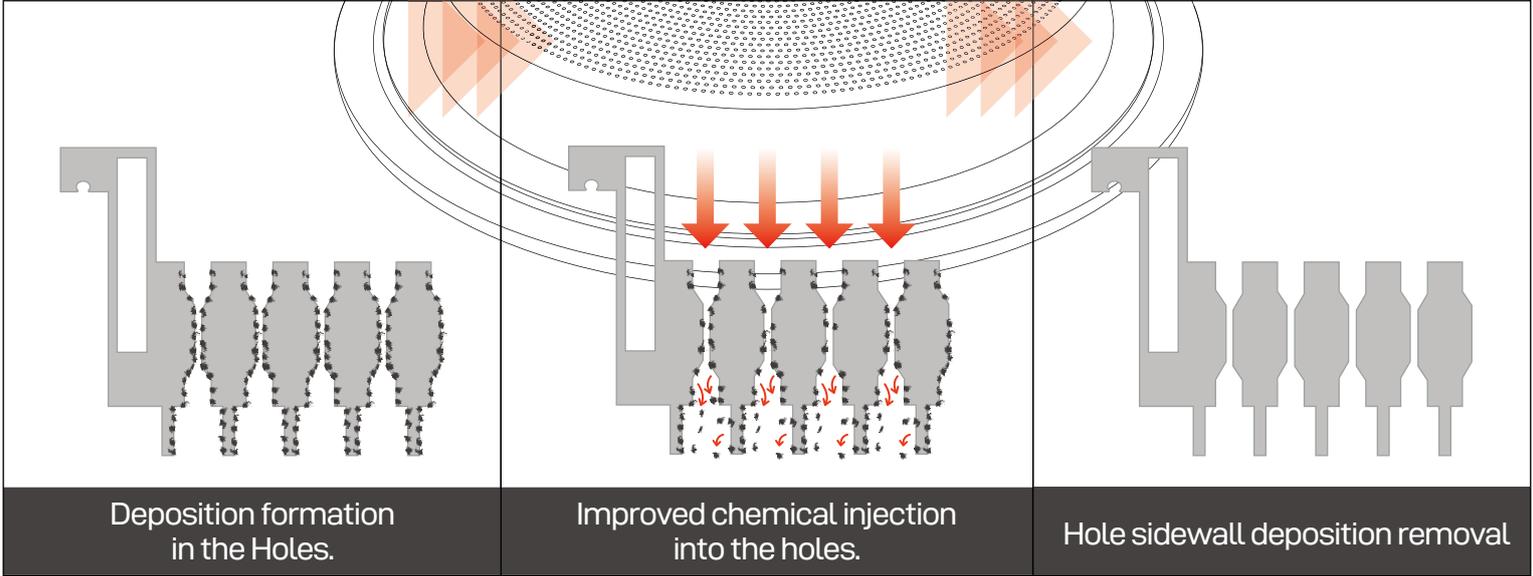
Application



CIS™/DIS™ can clean any parts with holes.

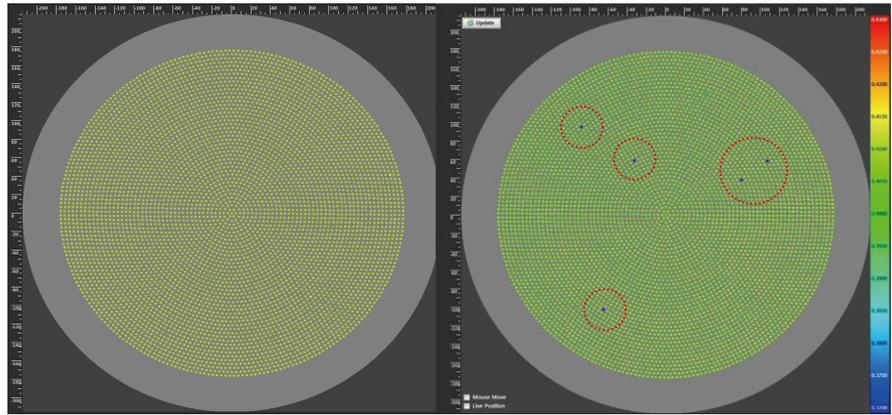
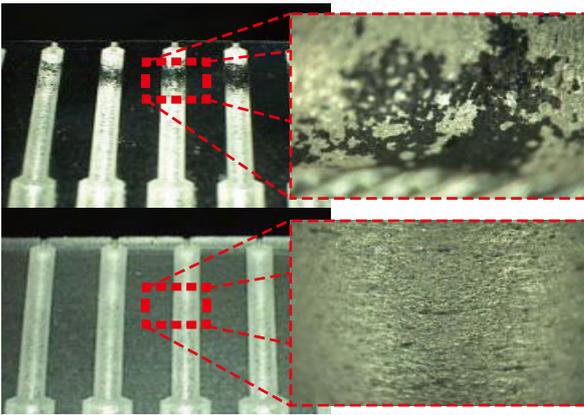
CINOS

Method



Benefit

The cleaning chemical effectively circulates and flows into the hole, **effectively removing the contaminant deposition remaining inside with the chemical reaction of the cleaning chemical.**



Particle Data inside of the Hole Compared to Normal Cleaning

About **75%** Improvement