Medical Device Mold Cleaning & Deburring

Clean molds produce higher quality products

Cold Jet’s Environmental Cleaning and Surface Preparation (ECaSP) systems have helped medical industry manufacturers meet stringent industry process demands for quality and consistency. Our systems enable manufacturers to optimize their process by cleaning contaminants from cavities, vents and hard-to-reach places. This is done without the use of chemicals, eliminating chemical residue on the mold and ensuring that products are delivered without flaws. Dry ice is also approved by the EPA, FDA and USDA as an acceptable cleaning media.

“Dry ice cleaning results in a superior clean. And, with less downtime, we have been able to increase production. Our customers have very stringent quality control procedures and demands, and dry ice cleaning has helped us meet those requirements. The detail of cleaning we get with Cold Jet’s system allows us to clean areas that otherwise could not be cleaned.”
- Cold Jet customer

The System

When it comes to product finishing, Cold Jet’s i³ MicroClean® system can be used to deburr or deflash medical products manually or can be integrated into your manufacturing process. The i³ MicroClean is a non-abrasive dry ice cleaning system that can extend the life of your mold by eliminating the need for harsh chemicals, wire brushes and abrasive pads. From catheter tips, surgical device handles, surgical instrument trays, or stents, to cleaning the clamping devices used during the fabrication process, we have a solution to meet your needs.

The Benefits

- Designed for precision applications
- Low noise operation
- Easy to maintain with removable panel design
- Pneumatic circuitry regulates pressure loss and reduces moisture buildup
- Minimal air/ice usage