

APPLICATION BREAKDOWN:

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Parts Cleaning by Fluidized Temperature Bath



Cleaning hardened resin from nozzles, breaker plates, filters and screen-packs is a time consuming process, and many of the traditional methods can damage the parts. Torching, abrading with a wire brush and drilling all have the potential to ruin parts, delaying production. An effective but dangerous approach is the molten salt bath, where even a drop of perspiration falling into the media can cause an explosion.

Accurate Thermal Systems' approach is to use an inert media, aluminum oxide, heat it (up to 600° C), and fluidize the bath with 30 psi of compressed air. The parts are immersed in a basket (35 minutes or less for the parts pictured below) and the heated particles break down the resin.

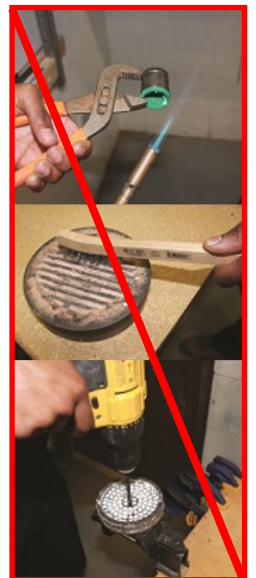
The process can be used to clean orifices down to .010 inch. In addition to resin, it works beautifully on paint, epoxy, rubber, oils, grease, and coatings.



"We started using the Fluidized bed for cleaning extrusion screws about 2 years ago. These have both improved our cleaning process and reduced the wear and damage to these screws over wire wheel cleaning, as well as making this a safer process."

—Peter T., Medtronic

Test the results by letting us clean a few of your parts. Call Sensors Inc. for details



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