



CHROMATOGRAPHY SCREEN CLEANING & PASSIVATION



In the biopharmaceutical industry it is common practice to discard and replace used chromatography column screens - also known as Frit Filters. Chromatography screens are subject to rouging and staining. Trapped resin impedes the flow of product creating inefficiencies in the chromatography process. Change out of product also requires the replacement of filters sometimes before they have reached their full life. Fortunately, chromatography column screens can be cleaned and restored at Astro Pak's nationwide facilities. There they get immersed into a processing tank followed by a gel derouge (if required), pressure wash and steam sanitization. After cleaning and derouging we passivate the screens to restore the chemical non-reactivity of the stainless steel. The filters are dried and carefully packaged along with comprehensive cGMP documentation. Throughout the entire process, multiple inspections are performed using a microscope and water samples to ensure stringent cleanliness levels are met.

BENEFITS OF CLEANING WITH US

- ▶ ELIMINATE COSTLY REPLACEMENT
- ▶ REMOVE RESIN BUILD-UP
- ▶ ENABLE PRODUCT CHANGE OVER
- ▶ REMOVE ROUGE & OTHER CORROSION
- ▶ EXTEND THE LIFE OF SCREENS
- ▶ INCREASE CHROMATOGRAPHY EFFICIENCY
- ▶ cGMP DOCUMENTATION
- ▶ VALIDATED PROCESS



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 PERSONNEL**



**ADVANCED CHEMISTRY &
 PROCESS TECHNOLOGY**



**RAPID
 RESPONSE**



**STATE OF THE ART
 FACILITIES & EQUIPMENT**



**SUPERIOR
 DOCUMENTATION**