SCA 1200 HT NaOH parts bath

SCA 1200 HT NaOH parts bath			
SCR CR			
Tool Type: "3D print su	oport Dissolve"		
Location: "TEXT HERE"			
Supervisor	Tool Lead		
David Bothman	"WW Name"		
(805) 893-4125	(###) ###-##	##	
bothman@cnsi.ucsb.edu	"WW Email"		
Description: "Dissolves support filament for F270"			
Manufacturer: "PADT"			

About

2025/06/16 05:47

This tool is used to dissolve the support filament printed by the F270 FDM 3D printer. Using a heated solvent, parts can be loaded into the main bucket or suspended in a smaller cage during the support removal process.

Detailed Specifications

Insert Text Here!

Safety Concerns

This tool makes use of a heated solvent! A lab coat, face shield, and nitrile gloves must be wore by the user whenever the SCA 1200 HT is to be opened to protect for solution and vapor fumes. In case of contact with solution flush eyes, and skin with water, remove all contaminated clothing, and get medical attention immediately. See SDS below.

Operating Procedures

- 1. Remove completed part on build tray from F270 3D printer
- 2. Remove part from build tray, making sure to scrape build tray free of ALL residue
- 3. Dawn lab coat, nitrile gloves, and a face shield
- 4. Open lid on SCA 1200 HT
- 5. Slowly lift large basket, allow time to for excess solution to drip back into SCA 1200HT NOTE: If solution rises above specific level alarm will sound, this is common when lifting or lowering basket and means you're moving too fast!
- 6. Rotate basket 90 degrees to rest on lip while adding part
- 7. Open basket, place part inside (if part is small, consider using smaller stainless steel cage located near by
- 8. Close basket and SLOWLY lower back into solution (alarm will sound if lowered too quickly.
- 9. Select desired temperature and use the "Set" button and arrows to select desired time
- 10. Press power button to begin wash
- 11. Follow steps 3-6 to remove part, followed by steps 8 to replace basket
- 12. Part should be allowed to drip, before being rinsed in sink with plenty of warm water

Reference Documentation

sca_1200ht_user_manual.pdf

msds-010-waterworks-concentrate-sds-400625-b-en-aghs-p400sc-wateworks-cleaning-solution.pdf

Training Documentation

FDM Training SOP

From: https://bpm-wiki.cnsi.ucsb.edu/ - NSF BioPACIFIC MIP Wiki

Permanent link: https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=sca_naoh_bath&rev=1602176741



Last update: 2020/10/08 17:05