

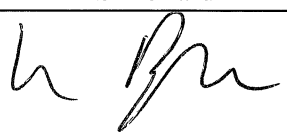


**Design No. 3977A
(Mallinckrodt version)
Licensing Drawings**

Modification No. M906

Title	Modification of Design No. 3977A (Mallinckrodt version) Licensing Drawings	Number	M906
		Issue	Issue A
		File Reference	M906-A-3977A.docx
Compiled	 S Donald	Checked	 S H Bryson
Approved	 S H Bryson	Date	6/7/16
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Drawing No	Revised Issue	Title and Summary of Changes	Reason for Change
1C-7500	B	<p><u>Cover Sheet for Safkeg HS Design No 3977A - Mallinckrodt version</u> Issue raised from A to B</p> <p>1C-7500 raised in issue from A to B 0C-7501 raised in issue from A to B 2C-7508 raised in issue from A to B</p>	<p>The drawing list has been updated to reflect the latest issues of the drawings.</p>
0C-7501	B	<p><u>Safkeg HS Design No 3977A - Mallinckrodt version</u> Issue raised from A to B</p> <p>Top of item 8 changed pictorially in line with 2C-7508.</p>	<p>Magnetic cap added to top of HS-50x85-SS insert (see 2C-7508 below).</p>
2C-7508	B	<p><u>HS-50x85-SS Insert Design No 4081</u> Issue raised from A to B</p> <p>Ref item 1 material: "ASTM A479/A479M type 316" was "ASTM A276 type 430". Item 4 added.</p>	<p>ASTM A276 type 430 (magnetic stainless steel) may not be compatible with sodium hydroxide solution (part of the Mo-99 liquid contents). ASTM A479/A479M type 316 (non-magnetic stainless steel) is known to be compatible with sodium hydroxide solution. The inner walls of the insert are now all made from ASTM A479/A479M type 316 & therefore compatible with sodium hydroxide. The magnetic cap (item 4) has been added to the insert top (item 1) in order to maintain the magnetic properties of the insert top as required by Mallinckrodt for in cell handling purposes.</p>