Overall Comparison of Similar Products:

Decomposition New York New	Itom	Description	Brand A	Drond D	Brand C	Brand D	ABCorp			
Control control carriery	пеш	Description		Brand B			Brand E			
Productional section of the production of the	1.	1								
A Novel debty of the transfer of the Novel debty of the Novel debty of the transfer of the Novel debty o	2.									
### ### ### ### ### #### #### Toes fine readings of Envision desproyed among Envision among Envision desproyed among Envision among Envision among	3.	Prevention of accidental needle sticks	★★★☆	***	***	★★★☆	****			
Somewhater for reduction residues Market M	4.	Prevention of reuse	***	★★ ☆	***	***	***			
6. Medichamendere AAAAA AAAAA AAAAAA AAAAAA AAAAAAAAAA	5	Air residue after medication withdraw	***	****	****	****	****			
7 Aprenant was also also with the contract of the contract was also also with the contract of the contract was also also with the contract of the contract was also also with the contract of the contract was also with the contract was als	6							0 7 1 0001		
Composite focusing violence A+A	7							1 Costs proteined		
Desperation withing Section Se	7.	Пррешине	^^^^	2000	^^^	******	^^^^	A. Force of loosing anggement and retraction unessy to control. B. Needle counter and borrel unessy to coordinate. C. Needle counter and borrel unessy to coordinate		
Design and find the find the first discovering E. No such problem	8.	Components' accuracy tolerance	***	***	***	***	****	D&E: No such problem		
Complex with all The clarics #### ### ##### ##### ##### #### #### #### #### #### #### #### ##	9.	Integral structure reliability	***	***	**	****	****			
11. Complex with all DA contains 12. Pollows and guidenines freatively contained and search free decoupler defines 13. Positioning of reactic coupler defines 14. Wildram problem of reactic coupler defines 14. Wildram problem of reactic coupler but to search with part of Prediction of reactic has and part but to executions. Delta Prediction of reactic but and part but to execution with part of Prediction of reactic but and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic but and part but to execution and part but to execution and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic coupler and part but to execution and part but to execution. Delta Prediction of reactic but and part but to execution. Delta Prediction of reactic coupler and part but to execution and part but to execution. Delta Prediction of reactic coupler and part but to execution and part but to execution. Delta Prediction of reactic coupler and part but to execution. Delta Prediction of reaction of reactic coupler and part but to execution. Delta Prediction of reaction of	10.		***	N/A	★(Not exact)	N/A	****	A: May not attain angle when engagement is incomplete C: May not attain angle due to swinging E: No such problem		
12 Collow of jundernot are sidely opting	11.		***	***	***	****	****	Besides mistaken activated, there are problems such as A: Piston may cause scrap when departed B: Contaminated piston departs from barrel C: Retracting and		
Personning of needle complet redefine ****** ***** ***** ***** ***** ****	12.		★★★★☆	***	***	****	****			
Withtow problem of receive coupler MAKK										
Withinson problems of needle coupler	13.	Positioning of needle coupler definite	***	***	*	****	****			
15. Leakage problem of needle coupler 16. Reliability of needle coupler server and problem of needle coupler in pages and needle coupler 17. Force or hermatic problem of pages and ancede coupler 18. Gipt of planger and needle coupler 19. Force or hermatic problem of pages and	14.	Withdraw problem of needle coupler	***	***	***	****	****	A: Seal ring of needle coupler hard to coordinate with barrel B: Needle hub and needle coupler hard to coordinate with pressed C: Position of needle hub and barrel hard		
16. Reliability of freedle coxplet str *****	15.	Leakage problem of needle coupler	***	***	**	****	****	A: Seal ring of needle coupler may break when skipping over barrel positioning parts B: Problems may occur when assembling seal ring on needle coupler C: No seal		
Force when planger and needle coupler ###* ##### ######	16.	Reliability of needle coupler stir	***	***	****	★★★★ ☆	★★★☆			
Market M	1.7	Force when plunger and needle coupler						·		
Proce of retacting needle coupler **** *** *** **** *		engaged								
Unintended displacement of rixcells corpler when netracted contamination (decise use) ***** **** **** **** **** *** *** *** *** *** *** *** *** *** ** *** *		1 1 0 1								
conformation when retracted	19.	<u> </u>	***	★★★ ☆	**	****	****	Weaker force is preferred. A: Medium B: Slightly strong C: Strongest D&E: Weakest(Force is irrelevant because the needle coupler is locked when retracted.)		
22 Plunger carrying piston away from contamination/before use) 23 Plunger carrying piston away from contamination/before use) 24 Plunger carrying piston away from contamination/before use) 25 Plunger carrying piston away from contamination/before use) 26 Plunger carrying piston away from contamination/before use) 27 Plunger carrying piston away from contamination/before use) 28 Plunger carrying piston away from contamination/before use) 29 Plunger carrying piston away from contamination of needle Deformation of the pitch of t	20.		***	***	***	****	****			
23. Purger carrying piston away from contamination (effect use) ***** **** **** **** **** *** *** *** *** *** *** *** **	21.	Leakage problem of piston	***	***	***	***	****			
24. Leakage problem cause by needle hub and needle coupler may backshift when tighten C: No seal ring between needle hub and barrel, ma cause leakage problem cause by needle hub ard needle coupler may backshift when tighten C: No seal ring between needle hub and barrel, ma cause leakage poblem 25. Needle hub string reliability 26. Destroy of plunger N/A N/A N/A N/A N/A N/A N/A N/	22.		****	★★★ ☆	★★★☆	****	****	A: Needle uneasy to depart from barrel B: Plunger easily retracted causing contamination of needle C: May depart when retracted D: May break plunger E: Needle uneasy to depart from barrel		
25. Needle hub string reliability 26. Destroy of plunger N/A N/A N/A N/A N/A N/A N/A N/	23.		****	☆	***	****	****	A: Needle uneasy to depart from barrel B: Plunger must be pulled out, serious contamination C: Easy to depart when retracted D: Plunger snapped E: Needle uneasy to depart from barrel		
25. Needle hub string reliability 26. Destroy of plunger N/A N/A N/A N/A N/A N/A N/A N/	24	Leakage problem cause by needle hub	***	444	44	***		A: The formation of needle hub and needle coupler hard to control B: Needle coupler may backshift when tighten C: No seal ring between needle hub and barrel, may		
Prevention of mistaken activation when operated prevent on of mistaken activation when manufactured and shipped 28. Prevention of mistaken activation when manufactured and shipped 29. Disam mistaken activation 30. Total parts/packing not included) 8 8 8 6 9 9 8 E. E. plunger, piston/geall, barrel, needle protecting cap, a total of eight parts in this product 31. Variation when stored a period of time 32. Automation of fibrication 33. Quality assured when manufactured 34. Yield of production 35. Cost of material 36. Cost of material 37. Attachment of needle and needle hub 38. Elimaging force slightly strong but acceptable B.C. Cannot prevent due to weak engagement force C. Separated needle hub, no such problem E. Medium engagin force, acceptable(Mistaken activation can be disarmed) A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problem E. Medium engagin force, acceptable(Mistaken activation can be disarmed) A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problem E. Medium engagin force, acceptable(Mistaken activation can be disarmed) A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problem E. Medium engagin force, acceptable(Mistaken activation can be disarmed) A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problem E. Medium engagin force, acceptable(Mistaken activation can be disarmed) A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problems A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated needle hub, no such problems A. Elngaging force slightly strong but acceptable B. Cannot prevent due to weak engagement force C. Separated nee	<i>2</i> 4.	and needle coupler	***	***	**	****	*****			
Prevention of mistaken activation when operated A: Engaging force slightly strong but acceptable B&C: Cannot prevent due to weak engagement force D&E: Medium engaging force, acceptable(Mistaken activation and be disarmed) A: Engaging force slightly strong but acceptable B&C: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force, acceptable(Mistaken activation and be disarmed) Disarm mistaken activation A** Unable to disarm A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force, acceptable(Mistaken activation can be disarmed) A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force, acceptable(Mistaken activation can be disarmed) A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problems A: A: Can manage to disarmed) A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging force slightly strong but acceptable M: E: Can be disarmed) A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C:	25.	Needle hub stirring reliability	****	***	****	★★★☆	***			
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Prevention of mistaken activation when manufactured and shipped **** *** *** *** *** *** A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engagin force, acceptable(Mistaken activation can be disarmed) *** *** *** *** *** *** ***	27.		***	**	**	***	***	A: Engaging force slightly strong but acceptable B&C: Cannot prevent due to weak engagement force D&E: Medium engaging force, acceptable(Mistaken activation can be disarmed)		
29. Disam mistaken activation	28.	Prevention of mistaken activation when	***	**	****	***	***	A: Engaging force slightly strong but acceptable B: Cannot prevent due to weak engagement force C: Separated needle hub, no such problem E: Medium engaging		
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33. Quality assured when manufactured										
34. Yield of production						***		assemble needle hub before use, needle hub hard to coordinate with barrel, trouble in sealing and retracting, Production cannot be automated D: Production cannot be		
35. Cost of material								,		
36. Cost of production								•		
37. Attachment of needle and needle hub										
38. Integrity of facilities and technology ***	<i>5</i> 0.									
		Attachment of needle and needle hub	***	***	***	****	****	B&D: Bought in open markets. The rest of the products require accustomed needle attacher. In accordance with positioning and yield, product E has the most advantages		
	37.									

A ProductFeature: Parts:plunger,piston,barrel,needlecoupler,Oring:needlehub,needleandneedleprotectingcap	B. ProductFeature: Parts:plunger.pistrn,barrel,needle.co.pla;Sealring.needle.hub,needle.andneedle.protecting.ca	C. ProductFeature Partsplungerpiston,barrel,needlehub,needleandneedleproteotingcap Theouterpartofneedlehubooincideswithbarrel	D. ProductFeature Parts:plunger.piston.banel.hook,needlecoupler,sealm cap	ing needle hub, needle and needle protecting	E Product Feature: Parts plungar piston, barrel needle couple; Oring needle hub, needle and needle protecting cap
Note: ★★★★ Perfect ★★★★ Nearly perfect, no urgent improvements nee ★★★ Mechanism acceptable, though need improv Minor defect, solve immediately for mass pr Serious defect, should consider redesigning ☆: receive half of the credit	1. Shipping process 2. Maximum storage: 3 years 3. Storage temperature: -10°C~+40°C 4. Operating temperature: +10°C~+40°C	 It provides a barrier between the hands and needles after use; It allows or requires the worker's hands to remain behind the r It is an integral part of the device, and not an accessory, and It is in effect before disassembly, if any, and remains in effect The safety alert also suggests that the device should be sin training. 	needle at all times; ct after disposal.	Basis for the Design: The main per to match the present healthcare per 2. The needle coupler/adapter and the needle during withdrawal of 3. The force needed to release the pealthcare personnel and allowing 4. The inclined needle function allowing 5. Simplicity of use prevents mistal	ows for clear and definite destruction of the needle. kes and waste of medical resources. s, the syringe is safe and effective, and completely complies with all necessary FDA