

Smart Syringe w. fixed Needle for PAL3 SII	required Tool	PAL3 Syringe (non Smart)	Smart Syringe Body	required Tool	Exchangeable Needle (Pack of 3pcs)
<b>Liquid Syringes</b>					
SF0-57-B-26P-CO	D7/57	-			
		PAL3-SYH-207850	SE1-B-57-23P-CO	D8/57	
SF1-57-B-26P-CO	D7/57	PAL3-SYH-207887			
SF1-85-B-26P-CO	D7/85	PAL3-SYH-207888			
		PAL3-SYH-207800	SE5-M	D8/57	ND5-57-26S-CO
		PAL3-SYH-207801	SE5-M	D8/85	ND5-85-26S-CO
SF10-57-M-26S-CO	D7/57	PAL3-SYH-207807	SE10-M	D8/57	ND10-57-26S-CO
SF10-57-M-23S-CO	D7/57	PAL3-SYH-207803	SE10-M	D8/57	ND10-57-23S-CO
SF10-57-T-26S-CO	D7/57	PAL3-SYH-207837	SE10-T	D8/57	ND10-57-26S-CO
SF10-57-T-23S-CO	D7/57	PAL3-SYH-207839	SE10-T	D8/57	ND10-57-23S-CO
SF10-57-T-22S-FL	D7/57	PAL3-SYH-207813	SE10-T	D8/57	Not available, alternative needles below
SF10-85-M-23S-CO	D7/85	PAL3-SYH-207809	SE10-M	D8/85	ND10-85-23S-CO
SF10-85-M-26S-CO	D7/85	PAL3-SYH-207189	SE10-M	D8/85	ND10-85-26S-CO
SF10-85-T-26S-CO	D7/85	PAL3-SYH-207838	SE10-T	D8/85	ND10-85-26S-CO
		PAL3-SYH-207886	SE10-M	D8/85	ND10-85-23S-CO
SF25-57-T-26S-CO	D7/57	PAL3-SYH-207817	SE25-T	D8/57	ND25-57-26S-CO
		PAL3-SYH-207816	SE25-T	D8/57	ND25-57-23S-CO
SFX25-57-T-22S-FL	D7/57	PAL3-SYH-208304			
		PAL3-SYH-207820	SE25-T	D8/85	ND25-85-23S-CO
SF25-85-T-26S-CO	D7/85	PAL3-SYH-207190	SE25-T	D8/85	ND25-85-26S-CO
SF50-57-T-26S-CO	D7/57		SE50-T	D8/57	ND25-57-26S-CO
SF50-85-T-26S-CO	D7/85		SE50-T	D8/85	ND25-85-26S-CO
SF100-57-T-26S-CO	D7/57	PAL3-SYH-207840	SE100-T	D8/57	ND25-57-26S-CO
SF100-57-T-23S-CO	D7/57	PAL3-SYH-207841	SE100-T	D8/57	ND25-57-23S-CO
		PAL3-SYH-207842	SE100-T		Not available, alternative needles below
SFX100-57-T-22S-FL	D7/57	PAL3-SYH-208312			
SFX100-57-T-22-FL	D7/57	PAL3-SYH-208311			
		PAL3-SYH-207843	SE100-T		Not available, alternative needles below
SF100-85-T-26S-CO	D7/85	PAL3-SYH-207827	SE100-T	D8/85	ND25-85-26S-CO
SF250-57-T-26-CO	D8/57	PAL3-SYH-207829	SE250-T	D8/57	ND25-57-26-CO
SF250-57-T-22-FL	D8/57	PAL3-SYH-207828	SE250-T		Not available, alternative needles below
		PAL3-SYH-207844	SE250-T		Not available, alternative needles below
SF250-85-T-26-CO	D8/85	PAL3-SYH-207831	SE250-T	D8/85	ND25-85-26-CO
		PAL3-SYH-207845	SE250-T		Not available, alternative needles below
SF500-57-T-26-CO	D8/57	PAL3-SYH-207833	SE500-T	D8/57	ND25-57-26-CO
SF500-57-T-22-FL	D8/57	PAL3-SYH-207832	SE500-T		Not available, alternative needles below
		PAL3-SYH-207846	SE500-T		Not available, alternative needles below
		PAL3-SYH-207847	SE500-T		Not available, alternative needles below
		PAL3-SYH-207835	SE500-T	D8/85	ND25-85-26-CO
SF1000-57-T-23-CO	D8/57	PAL3-SYH-207849	SE1000-T	D8/57	ND1000-57-23-CO
SF1000-57-T-22-FL	D8/57	PAL3-SYH-207836	SE1000-T	D8/57	ND1000-57-22-FL
		PAL3-SYH-207848	SE1000-T	D8/57	ND1000-57-23-SP
		PAL3-SYH-207191	SE1000-T	D8/85	ND1000-85-23-CO
SC2500-57-T-19-FL	D18/57	PAL3-SYH-209204	SCE2500-T		Not available, alternative needles below
SC2500-57-PE-22-FL	D18/57		SCE2500-T	D18/57	ND1000-57-22-FL
SC2500-57-T-22-FL	D18/57		SCE2500-T	D18/57	ND1000-57-22-FL
SC5000-57-T-19-FL	D18/57	PAL3-SYH-209205	SCE5000-T		Not available, alternative needles below
SC5000-57-T-22-FL	D18/57		SCE5000-T	D18/57	ND1000-57-22-FL
		PAL3-SYH-207292	SE10000-T	D18/57	Not available, alternative needles below

Smart Syringe w. fixed Needle for PAL3 SII		PAL3 Syringe (non Smart)	Syringe Body		Exchangeable Needle (Pack of 3pcs)
<b>ITEX Syringe without Trap</b>					
SITEX-1300-T	Itex	PAL3-SYH-209295			
<b>LCMS Syringe without Needle</b>					
SLCMS-100-PE	LCMS	PAL3-SYH-207128			
SLCMS-250-PE	LCMS				
SLCMS-100-T	LCMS				
SLCMS-250-T	LCMS	PAL3-SYH-209581			
<b>Headspace Syringes Standard</b>					
SH1000-65-T-23-SP	HS1000	PAL3-SYH-207853	SHE1000-T	HS1000	ND1000-65-23-SP
SH2500-65-T-23-SP	HS2500	PAL3-SYH-207290	SHE2500-T	HS2500	ND1000-65-23-SP
SH5000-65-T-23-SP	HS5000	PAL3-SYH-207854	SHE5000-T	HS5000	ND1000-65-23-SP
<b>High Temperature Headspace Syringes - Glue Free Needle Fixation</b>					
SHGF2250-T-23-SP	HS2500	PAL3-SYH-210421			
SHGF4500-T-23-SP	HS5000				

<b>Syringe Bodies and available Exchangeable Needles</b>		
Syringe Body	Required Tool depending on Needle length	Available Needles
SE0-B-57-23P-CO SE1-B-57-23P-CO	D8/57 D8/57	
SE5-M	D8/57 or D8/85	ND5-57-23S-CO ND5-57-26S-CO ND5-85-23S-CO ND5-85-26S-CO
SE10-M SE10-T	D8/57 or D8/85	ND10-57-23S-CO ND10-57-26S-CO ND10-85-23S-CO ND10-85-26S-CO
SE25-T SE50-T SE100-T SE250-T SE500-T	D8/57 or D8/85	ND25-57-22S-FL ND25-57-23-CO ND25-57-23S-CO ND25-57-26-CO ND25-57-26S-CO ND25-85-22-FL ND25-85-22S-FL ND25-85-23-CO ND25-85-23S-CO ND25-85-26-CO ND25-85-26S-CO
SE1000-T SCE2500-T SCE5000-T	D8/57 or D8/85 D18/57 D18/57	ND1000-57-22-FL ND1000-57-22-SP ND1000-57-23-CO ND1000-57-23-SP ND1000-57-26-CO ND1000-85-19-SP ND1000-85-22-FL ND1000-85-22-SP ND1000-85-23-CO ND1000-85-23-SP ND1000-85-26-CO
SE10000-T	D18/57	ND10000-57-19-SP ND10000-57-22-FL ND10000-57-22-SP ND10000-57-23-CO ND10000-57-23-SP
SHE1000-T SHE2500-T SHE5000-T	HS1000 HS2500 HS5000	NDH1000-65-22-SP NDH1000-65-23-CO NDH1000-65-23-SP NDH1000-65-26-CO

Needle Tip  
 CO = Conical  
 FL = Flat  
 SP = Side Port