



Part of the TRAJAN Family



PART NUMBERS

Syringes | For LEAP Autosamplers

SGE Diamond Syringes by Trajan, the Choice for GC and LC Applications with LEAP - CTC PAL

Diamond Syringes and Needles

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
CombiPAL, Combi-xt and GC PAL Syringes for GC									
0.5 µL Removable Needle									
000490	0.5µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	26	0.47	50	Cone	6.5		033770*	033770*-
000492	0.5µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	23	0.63	50	Cone	6.5		033772*	033772*
2 µL Removable Needle									
000790	2µL Plunger-in-Needle (8mm OD barrel), Removable Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), for CTC Autosampler, Thermo TriPlus, AS3000	23	0.63	50	Cone	0.47		034905*	034905*
5 µL Fixed Needle									
001700	5µL Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, TriPlus	26	0.47	50	Cone	6.5		-	-
001981	5µL Fixed Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, TriPlus	23	0.63	50	Cone	6.5		-	-
5 µL Removable Needle									
001984	5µL Removable Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), Cone Tipped, for CTC Autosampler	23	0.63	50	Cone	6.5		036011	-
10 µL Fixed Needle									
002977	10µL Gas Tight, Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler	26	0.47	50	Cone	6.5	P	-	031803
002976	10µL Fixed Needle CTC/Thermo Syringe with Gas Tight Plunger & 5cm 0.47mm OD (26 gauge), Cone Tipped Needle PK6	26	0.47	50	Cone	6.5	P	-	031803
002700	10µL Fixed Needle, 50mm Needle Length, 0.47mm Needle OD (26 gauge), Cone Tipped, for CTC Autosampler	26	0.47	50	Cone	6.5		-	-
002981	10µL Fixed Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, AS200, AS800, Varian 8400, 8410, CP-9010, CP-9050	23	0.63	50	Cone	6.5		-	-
002971	10µL Fixed Needle, for CTC Thermo Autosampler, TriPlus, AS3000, AS2000, AS200, AS800, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle, PK6	23	0.63	50	Cone	6.5		-	-
002987	10µL Gas Tight, PTFE Tipped Plunger, Fixed Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS2000	23	0.63	50	Cone	6.5	P	-	031803
002972	10µL Fixed Needle, for CTC Thermo Autosampler, TriPlus, AS2000, Gas Tight, PTFE Tipped Plunger, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle PK6	23	0.63	50	Cone	6.5	P	-	031803
002983	10µL Gas Tight, PTFE Tipped Plunger, Fixed Needle, 50mm Needle Length, 0.72mm Needle OD (22 gauge), Side-Hole dome tip, for CTC Autosampler	22	0.72	50	Side-Hole	6.5	P	-	031803
10 µL Removable Needle									
002982	10µL Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, Varian 8400, 8410, CP-9010, CP-9050	26	0.47	50	Cone	6.5		037101	-
002985	10µL Gas Tight, PTFE Tipped Plunger, Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler	26	0.47	50	Cone	6.5	P	037101	0318121
002984	10µL Removable Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, AS200, AS800	23	0.63	50	Cone	6.5		037787	-
25 µL Fixed Needle									
003987	25µL Fixed Needle, for CTC/Thermo Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	50	Cone	6.5	P	-	031817

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
003700	25µL Fixed Needle, for CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge) Cone Tipped Needle	26	0.47	50	Cone	6.5	P	-	-
25 µL Removable Needle									
003988	25µL Removable Needle, for CTC/Thermo Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge), Side-Hole Needle	26	0.47	50	Side-Hole	6.5	P	038749	031816
100 µL Fixed Needle									
005700	100µL Fixed Needle, for CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	50	Cone	6.5	P	-	0318261
005335	100µL Fixed Needle, for CTC/Thermo Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	50	Cone	6.5	P	-	0318261
100 µL Removable Needle									
005333	100µL Removable Needle, for CTC/Thermo Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	50	Cone	6.5	P	038732	031826
250 µL Fixed Needle									
006700	250µL Fixed Needle, for CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	50	Cone	8	P	-	0318926
500 µL Fixed Needle									
007700	500µL Fixed Needle, for CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	50	Cone	8	P	-	0318928
CombiPAL, Combi-xt Headspace Syringes for GC									
1 mL Fixed Needle Headspace									
008131	1.0mL Fixed Needle CTC Headspace Syringe with Energized Gas Tight Plunger and 5.6cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	56	Side-Hole	7.6	P	-	031841
008136	1.0mL Fixed Needle CTC Headspace Syringe with Energized Gas Tight Plunger and 5.6cm 0.47mm OD (26 gauge), Side-Hole Needle	26	0.47	56	Side-Hole	7.6	P	-	031841
2.5 mL Fixed Needle Headspace									
008631	2.5mL Fixed Needle CTC Headspace Syringe with Energized Gas Tight Plunger and 5.6cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	56	Side-Hole	9.7	P	-	031851
008636	2.5mL Fixed Needle CTC Headspace Syringe with Energized Gas Tight Plunger and 5.6cm 0.47mm OD (26 gauge), Side-Hole Needle	26	0.47	56	Side-Hole	9.7	P	-	031851
5 mL Fixed Needle Headspace									
008831	5mL Fixed Needle CTC Headspace Syringe with Energized Gas Tight Plunger and 5.6cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	56	Side-Hole	14	P	-	-
HTS, HTC, LC PAL, HTS-xt, HTC-xt Syringes for LC									
10 µL Fixed Needle									
002710	10µL Fixed Needle, 51mm Needle Length, 0.72mm Needle OD (22 gauge), LC tip, for CTC Autosampler	22	0.72	51	LC	6.5	-	-	-
002715	10µL Fixed Needle, 51mm Needle Length, Gas Tight, PTFE Plunger tip, 0.72mm Needle OD (22 gauge), LC tip, for CTC Autosampler	22	0.72	51	LC	6.5	P	-	031803
25 µL Fixed Needle									
003715	25µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), LC Needle, 8mm OD barrel	22	0.72	51	LC	7.6	P	-	0318922
50 µL Fixed Needle									
004810	50µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), LC Needle	22	0.72	51	LC	6.5	P	-	031821
100 µL Fixed Needle									
005715	100µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), LC Needle	22	0.72	51	LC	6.5	P	-	0318261
005720	100µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), 0.4mm ID LC Needle	22	0.72	51	LC	6.5	P	-	0318924
005331	100µL Fixed Needle CTC/Thermo Syringe with Gas Tight Plunger & 5.1cm 0.72mm OD (22 gauge), LC Needle	22	0.72	51	LC	6.5	P	-	0318261
100 µL Removable Needle									
005330	100µL Removable Needle, CTC Thermo Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), LC Needle	22	0.72	51	LC	6.5	P	038250	0318261
250 µL Fixed Needle									
006720	250µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), LC Needle	22	0.72	51	LC	8	P	-	0318926

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
250 µL Removable Needle									
006330	250µL Removable Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), 0.4mm ID LC Needle	22	0.72	51	LC	6.5	P	038250	031831
500 µL Fixed Needle									
007720	500µL Fixed Needle, CTC Autosampler, PTFE Tipped Plunger, Gas Tight, 5.1cm 0.72mm OD (22 gauge), 0.4mm ID LC Needle	22	0.72	51	LC	8	P	-	0318928
1 mL Removable Needle									
008120	1mL Removable Needle, CTC Autosampler, PTFE Plunger tip, Gas Tight, 51mm Needle, 22 g, with LC tip, 7.6mm barrel OD	22	0.72	51	LC	7.6	P	039180	0318444
5 mL Removable Needle									
008820	5mL Removable Needle, CTC Autosampler, PTFE Plunger tip, Gas Tight, 51mm Needle, 22 g, with LC tip, 14mm barrel OD	22	0.72	51	LC	14	P	031535	0318564
PAL3, RTC, RSI, LSI Removable Needle Syringes for GC									
0.5 µL Removable Needle									
000480	0.5µL NanoVolume CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.63mm OD (23 gauge) Cone Tipped Needle	23	0.63	57	Cone			033780	033780
1 µL Removable Needle									
000680	1.0µL NanoVolume CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.63mm OD (23 gauge) Cone Tipped Needle	23	0.63	57	Cone			034780	034780
5 µL Removable Needle									
001871	5µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	23	0.63	57	Cone			036871	-
001873	5µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone			036873	-
001875	5µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone			036875	-
001877	5µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone			036877	-
10 µL Removable Needle									
002871	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone			037871	-
002872	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	037871	032810
002873	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone			037873	-
002874	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	037873	032810
002875	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone			037875	-
002876	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	037875	032810
002877	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone			037877	-
002878	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	037877	032810
PAL3, RTC, RSI, LSI Fixed Needle Syringes for GC									
5 µL Fixed Needle									
001861	5µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone			-	-
001863	5µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone			-	-
001865	5µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone			-	-
001867	5µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone			-	-

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
10 µL Fixed Needle									
002861	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone			-	-
002862	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032810
002863	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone			-	-
002864	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032810
002865	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone			-	-
002866	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032810
002867	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone			-	-
002868	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032810
002869	10µL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with 8.5cm 0.47mm OD (26 gauge), Bevel Tipped Needle	26	0.47	85	Bevel			-	-
25 µL Fixed Needle									
003862	25µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032815
003864	25µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032815
003866	25µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032815
003868	25µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032815
50 µL Fixed Needle									
004862	50µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032821
004864	50µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032821
004866	50µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032821
004868	50µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032821
100 µL Fixed Needle									
005862	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032825
005864	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032825
005866	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032825
005868	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032825
005890	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	57	Side-Hole		P	-	032825
005891	100µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	85	Side-Hole		P	-	032825
250 µL Fixed Needle									
006862	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032831

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
006864	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032831
006866	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032831
006868	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032831
006890	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	57	Side-Hole		P	-	032831
006891	250µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	85	Side-Hole		P	-	032831
500 µL Fixed Needle									
007862	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	57	Cone		P	-	032835
007864	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Cone Tipped Needle	23	0.63	85	Cone		P	-	032835
007866	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	57	Cone		P	-	032835
007868	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.47mm OD (26 gauge), Cone Tipped Needle	26	0.47	85	Cone		P	-	032835
007890	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	57	Side-Hole		P	-	032835
007891	500µL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 8.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	85	Side-Hole		P	-	032835
PAL3, RTC, RSI Fixed Needle Syringes, GC Headspace									
1 mL Fixed Needle									
008155	1.0mL Fixed Needle CTC RTC Autosampler & Thermo RSH Headspace Syringe with Energized Gas Tight Plunger and 6.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	65	Side-Hole		P	-	032841
2.5 mL Fixed Needle									
008655	2.5mL Fixed Needle CTC RTC Autosampler & Thermo RSH Headspace Syringe with Energized Gas Tight Plunger and 6.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	65	Side-Hole		P	-	032846
5 mL Fixed Needle									
008855	5mL Fixed Needle CTC RTC Autosampler & Thermo RSH Headspace Syringe with Energized Gas Tight Plunger and 6.5cm 0.63mm OD (23 gauge), Side-Hole Needle	23	0.63	65	Side-Hole		P	-	-
PAL3, RTC, RSI, LSI Removable Needle Syringes for LC									
10 µL Removable Needle									
002880	10µL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 0.72mm OD (22 gauge), LC Needle	22	0.72	57	LC		P	037880	032810
1 mL Removable Needle									
008151	1.0mL Removable Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.72mm OD (22 gauge), LC Tipped Needle	22	0.72	57	LC		P	039280	032842
10 mL Removable Needle									
008951	10mL Removable Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 1.07mm O (19 gauge) ID LC Tipped Needle	19	1.07	57	LC		P	031590	032855
PAL3, RTC, RSI, LSI Fixed Needle Syringes for LC									
1 mL Fixed Needle									
008150	1.0mL Fixed Needle CTC RTC Autosampler & Thermo RSH Syringe with Gas Tight Plunger & 5.7cm 0.72mm OD (22 gauge), LC Tipped Needle	22	0.72	57	LC		P	-	032842
10 mL Fixed Needle									
008950	10mL Fixed Needle CTC RTC & Thermo RSH Autosampler Syringe with Gas Tight Plunger & 5.7cm 1.07mm OD (19 gauge) LC Tipped Needle	19	1.07	57	LC		P	-	032855
PAL3, RTC, RSI, LSI Fixed Needle Syringes for HDX (Hydrogen Deuterium Exchange) Application									
10 µL Fixed Needle									
002854	10µL Fixed Needle CTC RTC Autosampler for HDX application, Gas Tight, PTFE Plunger tip, 85mm Needle, 22 gauge, 0.72mm Needle OD	22	0.72	85	LC		P	-	-

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
25 µL Fixed Needle									
003854	25µL Fixed Needle CTC RTC Autosampler for HDX application, Gas Tight, PTFE Plunger tip, 85mm Needle, 22 gauge, 0.72mm Needle OD	22	0.72	85	LC		P	-	-
100 µL Fixed Needle									
005854	100µL Fixed Needle CTC RTC Autosampler for HDX application, Gas Tight, PTFE Plunger tip, 85mm Needle, 22 gauge, 0.72mm Needle OD	22	0.72	85	LC		P	-	-
250 µL Fixed Needle									
006854	250µL Fixed Needle CTC RTC Autosampler for HDX application, Gas Tight, PTFE Plunger tip, 85mm Needle, 22 gauge, 0.72mm Needle OD	22	0.72	85	LC		P	-	-
Syringes for Antek, Fixed Needle, Old style Plunger Head									
0039871	25µL Fixed Needle Syringe with Gas Tight Plunger & 5cm 0.63mm OD (23 gauge) Cone Tipped Needle, old style Plunger for certain Antek instruments	23	0.63	50	Cone		P	-	-
Syringes for Thermo TriPlus									
0.5 µL Removable Needle									
000490	0.5µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	26	0.47	50	Cone			-	033770
000492	0.5µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	23	0.63	50	Cone			-	033772
2 µL Removable Needle									
000790	2µL Plunger-in-Needle (8mm OD barrel), Removable Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), for CTC Autosampler, Thermo TriPlus, AS3000	23	0.63	50	Cone			034905*	034905*
10 µL Removable Needle									
002982	10µL Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, Varian 8400, 8410, CP-9010, CP-9050	26	0.47	50	Cone			-	037010
002984	10µL Removable Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, AS200, AS800	23	0.63	50	Cone			-	037787
002993	10µL Removable Needle, 0.47mm Needle OD (26 gauge), 80mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus	26	0.47	80	Cone			-	031535
5 µL Fixed Needle									
001981	5µL Fixed Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, TriPlus	23	0.63	50	Cone			-	-
001982	5µL Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo TriPlus	26	0.47	50	Cone			-	-
10 µL Fixed Needle									
002967	10µL Fixed Needle, for CTC Thermo Autosampler, TriPlus, AS3000, AS2000, AS200, AS800, 5cm 0.50mm OD (25 gauge), Cone Tipped Needle	25	0.50	50	Cone			-	-
002971	10µL Fixed Needle, for CTC Thermo Autosampler, TriPlus, AS3000, AS2000, AS200, AS800, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle, PK6	23	0.63	50	Cone			-	-
002972	10µL Fixed Needle, for CTC Thermo Autosampler, TriPlus, AS2000, Gas Tight, PTFE Tipped Plunger, 5cm 0.63mm OD (23 gauge), Cone Tipped Needle PK6	23	0.63	50	Cone		P	-	031803
002980	10µL Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, AS200, AS800	26	0.47	50	Cone			-	-
002981	10µL Fixed Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS3000, AS2000, AS200, AS800, Varian 8400, 8410, CP-9010, CP-9050	23	0.63	50	Cone			-	-
002986	10µL Fixed Needle, 50mm Needle Length, 0.47mm Needle OD (26 gauge), Cone Tipped, 6 pack, for CTC Autosampler, Thermo, TriPlus	26	0.47	50	Cone			-	-
002987	10µL Gas Tight, PTFE Tipped Plunger, Fixed Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), Cone Tipped, for CTC Autosampler, Thermo, TriPlus, AS2000	23	0.63	50	Cone		P	-	031803
002992	10µL Fixed Needle, 0.47mm Needle OD (26 gauge), 80mm Needle Length, Cone Tipped, for CTC Autosampler, Thermo TriPlus	26	0.47	80	Cone			-	-

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
Syringes for Thermo AS3000									
0.5 µL Removable Needle									
000490	0.5µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	26	0.47	50	Cone			-	033770
000492	µL Plunger-in-Needle (6.5mm OD barrel), Removable Needle, 0.63mm Needle OD (23 gauge), 50mm Needle Length, for CTC Autosampler, Thermo, TriPlus, AS3000	23	0.63	50	Cone			-	033772
2 µL Removable Needle									
000790	2µL Plunger-in-Needle (8mm OD barrel), Removable Needle, 50mm Needle Length, 0.63mm Needle OD (23 gauge), for CTC Autosampler, Thermo TriPlus, AS3000	23	0.63	50	Cone			034905*	034905*
10 µL Removable Needle									
0029841	10µL Removable Needle, Plunger-in-Needle (8mm barrel OD), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	23	0.63	50	Cone			037787	-
5 µL Fixed Needle									
0019811	5µL Plunger-in-Needle (8mm OD barrel), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, sheathed, Thermo AS3000, AS2000	23	0.63	50	Cone			-	-
0019821	5µL Plunger-in-Needle (8mm OD barrel), 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, sheathed, Thermo AS3000, AS2000	26	0.47	50	Cone			-	-
10 µL Fixed Needle									
0029671	10µL Fixed Needle Syringe with 5cm 0.50mm OD (25 gauge), Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200	25	0.50	50	Cone			-	-
0029761	10µL Fixed Needle Syringe with Gas Tight Plunger & 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone		P	-	03181201
0029771	10µL Gas Tight, Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	26	0.47	50	Cone		P	-	03181201
0029801	10µL Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	26	0.47	50	Cone			-	-
0029861	10µL Fixed Needle Syringe with 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone			-	-
Syringes for Thermo AS2000									
10 µL Removable Needle									
0029841	10µL Removable Needle, Plunger-in-Needle (8mm barrel OD), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	23	0.63	50	Cone			037787	-
0029931	10µL Removable Needle, 80mm Needle Length, 0.47mm Needle OD (26 gauge), Cone Tipped, for Thermo AS2000	26	0.47	80	Cone			031535	-
5 µL Fixed Needle									
0019811	5µL Plunger-in-Needle (8mm OD barrel), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, sheathed, Thermo AS3000, AS2000	23	0.63	50	Cone			-	-
0019821	5µL Plunger-in-Needle (8mm OD barrel), 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, sheathed, Thermo AS3000, AS2000	26	0.47	50	Cone			-	-
10 µL Fixed Needle									
0029671	10µL Fixed Needle Syringe with 5cm 0.50mm OD (25 gauge), Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200	25	0.50	50	Cone			-	-
0029741	10µL Fixed Needle Syringe with 8cm, 0.72mm OD (22 gauge) Cone Tipped Needle, for Thermo Autosampler AS2000	22	0.72	80	Cone			-	-
0029761	10µL Fixed Needle Syringe with Gas Tight Plunger & 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone		P	-	03181201
0029771	10µL Gas Tight, Fixed Needle, 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	26	0.47	50	Cone		P	-	03181201
0029781	10µL Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.47mm Needle OD (26 gauge), 70mm Needle Length, Cone Tipped, for Thermo AS2000	26	0.47	70	Cone			-	-
0029801	10µL Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	26	0.47	50	Cone			-	-
0029861	10µL Fixed Needle Syringe with 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone			-	-

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
0029871	10µL Gas Tight, Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS2000	23	0.63	50	Cone		P	-	03181201
0029891	10µL Gas Tight, Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.63mm Needle OD (23 gauge), 80mm Needle Length, Cone Tipped, for Thermo AS2000	23	0.63	80	Cone			-	-
0029921	10µL Fixed Needle, 80mm Needle Length, 0.47mm Needle OD (26 gauge), Cone Tipped, for Thermo AS2000	26	0.47	80	Cone			-	-
Syringes for Thermo AS200/800									
10 µL Removable Needle									
0029841	10µL Removable Needle, Plunger-in-Needle (8mm barrel OD), 0.63mm Needle OD (23 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	23	0.63	50	Cone			037787	-
10 µL Fixed Needle									
0029671	10µL Fixed Needle Syringe with 5cm 0.50mm OD (25 gauge), Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200	25	0.50	50	Cone			-	-
0029761	10µL Fixed Needle Syringe with Gas Tight Plunger & 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone		P	-	03181201
0029801	10µL Fixed Needle, Plunger-in-Needle (8mm barrel OD), 0.47mm Needle OD (26 gauge), 50mm Needle Length, Cone Tipped, for Thermo AS3000, AS2000, AS200/800	26	0.47	50	Cone			-	-
0029861	10µL Fixed Needle Syringe with 5cm, 0.47mm OD (26 gauge) Cone Tipped Needle, for Thermo Autosamplers AS3000, AS2000, AS800/200, PK6	26	0.47	50	Cone			-	-

Diamond MS Syringes and Needles

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
Diamond MS Syringes for CTC PALS									
10 µL Syringe only, Needle available separately									
002770	10µL Gas Tight, Removable Needle, Diamond version, for CTC Autosamplers, syringe body and Plunger only, Needle available separately						P	-	0355170
25 µL Syringe only, Needle available separately									
003770	25µL Removable Needle CTC Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355171
50 µL Syringe only, Needle available separately									
004770	50µL Removable Needle CTC Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355172
100 µL Syringe only, Needle available separately									
005770	100µL Removable Needle CTC Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355173
Diamond MS Syringes for CTC RTC, RSI, LSI PALS									
10 µL Syringe only, Needle available separately									
002790	10µL Gas Tight, Removable Needle, Diamond version, for Thermo RSH & CTC RTC Autosamplers, syringe body and Plunger only, Needle available separately						P	-	0355190
25 µL Syringe only, Needle available separately									
003790	25µL Removable Needle CTC RTC & Thermo RSH Autosampler Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355191
50 µL Syringe only, Needle available separately									
004790	50µL Removable Needle CTC RTC & Thermo RSH Autosampler Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355192
100 µL Syringe only, Needle available separately									
005790	100µL Removable Needle CTC RTC & Thermo RSH Autosampler Diamond MS Syringe with Gas Tight Plunger, syringe body and Plunger only, Needle available separately						P	-	0355193

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
Diamond MS Treated Needles to be used with Diamond MS syringe sizes 10 µL - 50 µL for LC CTC PALS (CTC RTC, RSI, LSI choose 57 mm)									
0355210	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	22	0.72	51	LC		-	-	
0355215	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	22	0.72	57	LC		-	-	
0355220	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	22	0.72	51	LC		-	-	
0355225	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	22	0.72	57	LC		-	-	
0355230	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth, for 10-50µL PK1	22	0.72	51	LC		-	-	
0355235	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth, for 10-50µL PK1	22	0.72	57	LC		-	-	
Diamond MS Treated Needles to be used with Diamond MS syringe sizes 100 µL - 500 µL for LC CTC PALS (CTC RTC, RSI, LSI choose 57 mm)									
0355211	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophilic Treatment, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355213	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.37mmID, LC tip, Ultra Smooth Hydrophilic Treatment, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355216	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophilic Treatment, for 100-500µL PK1	22	0.72	57	LC		-	-	
0355221	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophobic Treatment, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355223	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.37mmID, LC tip, Ultra Smooth Hydrophobic Treatment, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355226	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth Hydrophobic Treatment, for 100-500µL PK1	22	0.72	57	LC		-	-	
0355231	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355233	Needle, Diamond MS, 51mm long, 0.72mmOD(22 gauge)/0.37mmID, LC tip, Ultra Smooth, for 100-500µL PK1	22	0.72	51	LC		-	-	
0355236	Needle, Diamond MS, 57mm long, 0.72mmOD(22 gauge)/0.17mmID, LC tip, Ultra Smooth, for 100-500µL PK1	22	0.72	57	LC		-	-	
Diamond MS Treated Needles to be used with Diamond MS syringe sizes 10 µL - 50 µL for GC CTC PALS									
0355510	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	23	0.63	50	Cone		-	-	
0355512	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	23	0.63	50	Cone		-	-	
0355520	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	23	0.63	50	Cone		-	-	
0355522	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	23	0.63	50	Cone		-	-	
0355530	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth, for 10-50µL PK1	23	0.63	50	Cone		-	-	
0355532	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth, for 10-50µL PK1	23	0.63	50	Cone		-	-	
Diamond MS Treated Needles to be used with Diamond MS 100 µL syringe for GC CTC PALS									
0355511	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 100-500µL PK1	23	0.63	50	Cone		-	-	
0355521	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 100-500µL PK1	23	0.63	50	Cone		-	-	
0355531	Needle, Diamond MS, 50mm long, for CTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth, for 100-500µL PK1	23	0.63	50	Cone		-	-	

Syringes | For LEAP Autosamplers Continued

Part Number	Part Description and Detail	Needle Gauge	Needle OD (mm)	Needle Length (mm)	Needle Tip	Barrel OD (mm)	PTFE Plunger Tip	Replacement Needle	Replacement Plunger
Diamond MS Treated Needles to be used with Diamond MS syringe sizes 10 µL - 50µL for GC CTC RTC, RSI, LSI PALS									
0355610	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	23	0.63	57	Cone			-	-
0355612	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 10-50µL PK1	23	0.63	57	Cone			-	-
0355620	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	23	0.63	57	Cone			-	-
0355622	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 10-50µL PK1	23	0.63	57	Cone			-	-
0355630	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth, for 10-50µL PK1	23	0.63	57	Cone			-	-
0355632	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.11mmID, Cone Tipped, Ultra Smooth, for 10-50µL PK1	23	0.63	57	Cone			-	-
Diamond MS Treated Needles to be used with Diamond MS 100 µL syringe for GC CTC RTC, RSI, LSI PALS									
0355611	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophilic Treatment, for 100-500µL PK1	23	0.63	57	Cone			-	-
0355621	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth Hydrophobic Treatment, for 100-500µL PK1	23	0.63	57	Cone			-	-
0355631	Needle, Diamond MS, 57mm long, for Thermo RSH/CTC RTC Autosamplers, 0.63mmOD(23 gauge)/0.24mmID, Cone Tipped, Ultra Smooth, for 100-500µL PK1	23	0.63	57	Cone			-	-

*Replacement Needle and Plunger Kit

Every effort has been made to ensure the items suggested here are suitable, however the appropriateness for individual applications must remain the responsibility of the user.

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