

TriPlus RSH: Spare Parts Guide

This guide contains part numbers for all of the replaceable components in the TriPlus RSH. Refer to the *TriPlus RSH Hardware Manual* for information about installing these components in your instrument.

Note Only components with a part number are available for purchase. The part you are looking for may be shown in an illustration, but if it does not list a part number, it is not available.

You can purchase the following components for the TriPlus RSH autosampler. Be sure to reference the component's part number when placing an order with your local Sales/Service Representative. The available components are listed below.

Component	Thermo Scientific Part Number
Mounting Bracket Kits and Optional Single Legs	
TriPlus RSH - TRACE 1300/1310 Mounting Kit	1R77010-1005
TriPlus RSH (Standard X-axis) - TRACE 1300/1310 Mounting Leg (210 mm high)	1R77010-1066
TriPlus RSH (Extended X-axis) - TRACE 1300/1310 Mounting Leg (667 mm high)	1R77010-1141
TriPlus RSH (Extended X-axis) - TRACE 1300/1310 Mounting Leg (726 mm high)	1R77010-1142
TriPlus RSH - TRACE Ultra Mounting Kit	1R77010-1001
TriPlus RSH - TRACE GC Ultra Mounting Left Leg	1R77010-1063
TriPlus RSH - TRACE GC Ultra Mounting Right Leg	1R77010-1064
TriPlus RSH - FOCUS GC Mounting Kit	1R77010-1003
TriPlus RSH - FOCUS GC Mounting Leg	1R77010-1065
Injector Adapter Kits	
TriPlus RSH - TRACE 1300/1310 Injector Adapter Kit	1R77010-1006
TriPlus RSH - TRACE Ultra Injector Adapter Kit	1R77010-1002
TriPlus RSH - FOCUS GC Single Injector Adapter Kit	1R77010-1004
LIQUID	
TriPlus RSH - Liquid Tool: D7, 57 mm	1R77010-1007
TriPlus RSH - Liquid Tool: D7, 85 mm	1R77010-1008
TriPlus RSH - Liquid Tool: D8, 57 mm	1R77010-1009
TriPlus RSH - Liquid Tool: D8, 85 mm	1R77010-1010
TriPlus RSH - Liquid Tool: D18, 57 mm	1R77010-1011

Syringe for D7,57 mm Liquid Tool (1R77010-1007) - General Purpose

0.5 µL removable needle syringe, gauge 23, 57 mm length	365A0241
1.0 µL removable needle syringe, gauge 23, 57 mm length	365B0251
5.0 µL fixed needle syringe, gauge 23s, 57 mm length	365C0231
5.0 µL fixed needle syringe, gauge 26s, 57 mm length	365C0251
10 µL fixed needle syringe, gauge 23s, 57 mm length	365D0271
10 µL fixed needle syringe, gauge 26s, 57 mm length, cone tip	365D0291
10 µL fixed syringe needle, gauge 26s, 57 mm length, bevel tip	365D0391
10 µL fixed needle gas-tight syringe, gauge 26s, 57 mm length	365D0331
25 µL fixed needle gas-tight syringe, gauge 23s, 57 mm length	365F2441
25 µL fixed needle gas-tight syringe, gauge 26s, 57 mm length	365F2461
50 µL fixed needle gas-tight syringe, gauge 23s, 57 mm length	365G2311
50 µL fixed needle gas-tight syringe, gauge 26s, 57 mm length	365G2331
100 µL fixed needle gas-tight syringe, gauge 23s, 57 mm length	365H2141
100 µL fixed needle gas-tight syringe, gauge 23, 57 mm length	365H2181
100 µL fixed needle gas-tight syringe, gauge 26s, 57 mm length	365H2161

Syringe for D7,85 mm Liquid Tool (1R77010-1008) - Not Recommended for Split Injection Technique

5.0 µL fixed needle syringe, gauge 23s, 85 mm length	365C0221
5.0 µL fixed needle syringe, gauge 26s, 85 mm length	365C0241
10 µL fixed needle syringe, gauge 23s, 85 mm length	365D0261
10 µL fixed needle syringe, gauge 26s, 85 mm length	365D0281
10 µL fixed needle gas-tight syringe, gauge 23s, 85 mm length	365D0301
10 µL fixed needle gas-tight syringe, gauge 26s, 85 mm length	365D0321
25 µL fixed needle gas-tight syringe, gauge 23s, 85 mm length	365F2431
25 µL fixed needle gas-tight syringe, gauge 26s, 85 mm length	365F2451
50 µL fixed needle gas-tight syringe, gauge 26s, 85 mm length	365G2321
100 µL fixed needle gas-tight syringe, gauge 23, 85 mm length	365H2171
100 µL fixed needle gas-tight syringe, gauge 26s, 85 mm length	365H2151

Syringe for D8,57 mm Liquid Tool (1R77010-1009) - Large Volume Injection

250 µL fixed needle gas-tight syringe, gauge 23, 57mm length	365I2351
250 µL fixed needle gas-tight syringe, gauge 26, 57mm length	365I2331
500 µL fixed needle gas-tight syringe, gauge 23, 57mm length	365J2441
500 µL fixed needle gas-tight syringe, gauge 26, 57mm length	365J2421
1000 µL fixed needle gas-tight syringe, gauge 22, 57mm length	365K2811

Syringe for D8,85 mm Liquid Tool (1R77010-1010) - Large Volume Injection

250 µL fixed needle gas-tight syringe, gauge 23, 85 mm length	365I2341
250 µL fixed needle gas-tight syringe, gauge 26, 85 mm length	365I2321

500 µL fixed needle gas-tight syringe, gauge 23, 85 mm length	365J2431
500 µL fixed needle gas-tight syringe, gauge 26, 85 mm length	365J2411
Syringe for D18, 57 mm Liquid Tool (1R77010-1011) - Sample Dilution, Derivatization	
10000.0 µL fixed needle gas-tight syringe, gauge 19, 57mm length	365N2721
HEADSPACE	
TriPlus RSH - HS Tool: 1.0 mL	1R77010-1012
TriPlus RSH - HS Tool: 2.5 mL	1R77010-1013
TriPlus RSH - HS Tool: 5.0 mL	1R77010-1014
TriPlus RSH - Headspace 1.0 mL O-ring Kit	1R77010-1077
TriPlus RSH - Headspace 2.5 mL O-ring Kit	1R77010-1078
TriPlus RSH - Headspace 5.0 mL O-ring Kit	1R77010-1079
TriPlus RSH - Headspace Upgrade Kit	1R77010-1039
TriPlus RSH - Multiple HS Extraction Module	1R77010-1036
Syringe for 1.0 mL HS Tool (1R77010-1012)	
1.0 mL gas-tight Headspace syringe, gauge 23, 65 mm length	365Q2121
Syringe for 2.5 mL HS Tool (1R77010-1013)	
2.5 mL gas-tight Headspace syringe, gauge 23, 65 mm length	365Q2131
Syringe for 1.0 mL HS Tool (1R77010-1014)	
5.0 mL gas-tight Headspace syringe, gauge 23, 65 mm length	365Q2141
ITEX DHS	
TriPlus RSH - ITEX Dynamic Headspace Tool	1R77010-1125
TriPlus RSH - ITEX Trap Tenax® TA 80/100 mesh	1R77010-1126
TriPlus RSH - ITEX Trap Carbosieve® SIII 60/80 mesh	1R77010-1143
TriPlus RSH - ITEX Trap Carboxen® 1000 60/80 mesh	1R77010-1144
TriPlus RSH - ITEX Trap Carbopack® C 80/100 mesh	1R77010-1145
TriPlus RSH - ITEX Trap Mix1 Tenax® TA: Carboxen™1000 (Bottom/Top = 1:1)	1R77010-1146
TriPlus RSH - ITEX Trap Mix2 Carbopack® C: Carbosieve SIII (Bottom/Top = 2:1)	1R77010-1147
TriPlus RSH - ITEX Trap Mix3 Tenax® GR: Carbosieve® SIII (Bottom/Top = 1:1)	1R77010-1148
TriPlus RSH - ITEX Trap Tenax® GR 80/100 mesh	1R77010-1149
TriPlus RSH - ITEX Replacement Fan	1R77010-1128
TriPlus RSH - ITEX Replacement Trap Heater	1R77010-1129
SPME	
TriPlus RSH - SPME Fiber Conditioning Station	1R77010-1035
TriPlus RSH - SPME Syringe Fiber Tool Kit	1R77010-1100
SPME Arrow	

TriPlus RSH - SPME Arrow Fiber Conditioning Station	1R77010-1153
TriPlus RSH - Liner for SPME Arrow Conditioning Module (Pkg of 3)	
TriPlus RSH - Heatex Stirrer Module for SPME Arrow	1R77010-1157
TriPlus RSH - Adapter for SPME Heatex Stirrer Module	1R77010-1158
TriPlus RSH - Adapter kit, SPME Arrow for TRACE1300 Series GC SSL Injector	1R77010-1154
TriPlus RSH - Adapter kit, SPME Arrow for TRACE GC Ultra SSL Injector	1R77010-1155
TriPlus RSH - Incubator + Heatex Stirrer kit	1R77010-1156
TriPlus RSH - SPME Arrow Tool Kit for TRACE 1300 Series GC	1R77010-1159
TriPlus RSH - SPME Arrow Tool kit for TRACE GC Ultra	1R77010-1152
TriPlus RSH - SPME Arrow Liner 1.3 mm ID (Pkg of 3), for SSL Injector of TRACE 1300 Series GC. Only for SPME Arrow with 1.1 mm OD	Refer to the GC Consumables Catalog
TriPlus RSH - SPME Arrow Liner 1.8 mm ID (Pkg of 3), for SSL Injector of TRACE 1300 Series GC. Only for SPME Arrow with 1.5 mm OD	
Purge Gas Pressure Regulator	
TriPlus RSH - Purge Gas Pressure Regulator	1R77010-1089
TriPlus RSH - Purge Valve Kit	1R77010-1092
TriPlus RSH - Connector TP RSH to Pressure Regulator	1R77010-1090
TriPlus RSH - Tube Connector from Pressure Regulator to 1/8-inch Tubing	1R77010-1091
TriPlus RSH - Gas Tube Replacement Kit	1R77010-1041
Tool Stations	
TriPlus RSH - Automatic Tool Change Station	1R77010-1019
TriPlus RSH - Tool Releasing Station	1R77010-1020
TriPlus RSH - ATC Station PCB Kit	1R77010-1055
Tray Holders	
TriPlus RSH - Liquid Cooled Tray Holder Kit	1R77010-1026
TriPlus RSH - Standard Tray Holder	1R77010-1021
TriPlus RSH - Temperature Controlled Drawer: Single	1R77010-1028
TriPlus RSH - Temperature Controller Drawer PCB Kit	1R77010-1056
Trays	
TriPlus RSH - VT15, 15-vial Tray: 10/20 mL	1R77010-1022
TriPlus RSH - VT54, 54-vial Tray: 2 mL	1R77010-1023
TriPlus RSH - VT70, 70-vial Tray: 1mL	1R77010-1024
TriPlus RSH - VT12, 12-vial: 40 mL (vials not included)	1R77010-1058
TriPlus RSH - R60, 60-vial Tray: 10/20 mL	1R77010-1025
TriPlus RSH - Liquid Cooled 32-vial Tray: 10/20 mL	1R77010-1027
TriPlus RSH - Liquid Cooled for 96-vial: 2 mL or 78-vial: 1 mL	1R77010-1020

TriPlus RSH - Foil Cutter for Microtiter and Deep Well Plates	1R77010-1070
Washing Stations	
TriPlus RSH - Standard Wash Station: 5x10 mL Vials	1R77010-1029
TriPlus RSH - Standard Washing Station Adapter for 2 mL Vial	1R77010-1069
TriPlus RSH - Standard Washing Station Waste Adapter	1R77010-1059
TriPlus RSH - Large Wash Station: 2x100 mL Vials	1R77010-1030
TriPlus RSH - Solvent Station: 3x100 mL Vials	1R77010-1031
TriPlus RSH - Fast Washing Module for Two Solvents Kit	1R77010-1098
TriPlus RSH - 100 mL Solvent Vial for Washing	1R77010-1060
TriPlus RSH - 10 mL Solvent Vial for Washing (Set of 10)	1R77010-1062
TriPlus RSH - PE Snap Caps and Seals (Set of 10) for 10 mL/100 mL Solvent Vial	1R77010-1061
Agitator/Incubator Module	
TriPlus RSH - Agitator/Incubator Module	1R77010-1032
TriPlus RSH - Agitator Adapter for 2 mL Vial (Set of 6)	1R77010-1067
TriPlus RSH - Agitator Adapter for 10 mL Vial (Set of 6)	1R77010-1068
TriPlus RSH - Agitator PCB Kit	1R77010-1054
Vortexer Module	
TriPlus RSH - Vortexer Module	1R77010-1033
TriPlus RSH - Vortexer Replacement PCB Kit	1R77010-1076
Dilutor Modules	
TriPlus RSH - Multi Solvent Dilutor	1R77010-1130
TriPlus RSH - Single Solvent Dilutor	1R77010-1131
Syringes for Dilutor Modules	
Dilutor Syringes 100 µL PTFE PI, ZDV	1R77010-1135
Dilutor Syringes 1000 µL	1R77010-1136
Dilutor Syringes 5000 µL	1R77010-1137
Dilutor Syringes 10000 µL	1R77010-1138
Optional Modules	
TriPlus RSH - 1D Barcode Reader	1R77010-1034
TriPlus RSH - Actuator for TRACE GC Ultra OCI	1R77010-1037
TriPlus RSH - Multiple HS Extraction Module	1R77010-1036
TriPlus RSH - Handheld Controller (Terminal)	1R77010-1038
Kits and Spare Parts	
TriPlus RSH - Preventive Maintenance Kit	1R77010-1040
TriPlus RSH - Z-Head PCB Kit	1R77010-1053

TriPlus RSH - Z-Head for Exchange	1R77010-1042
TriPlus RSH - Z-Axis Motor Assy Kit	1R77010-1045
TriPlus RSH - Needle Guide Motor Assy Kit	1R77010-1046
TriPlus RSH - Syringe Plunger Motor Assy Kit	1R77010-1047
TriPlus RSH - Main PCB Kit	1R77010-1073
The kit includes: TMO Key GC1, TMO CPU, Right Side Cover including LED Light Pipe	
TriPlus RSH - Main Power Supply	1R77010-1057
TriPlus RSH - XY Adapter Replacement PCB Kit	1R77010-1074
TriPlus RSH - Y-axis Front Cover Kit	1R77010-1075
TriPlus RSH - Z-Cover Kit	1R77010-1084
TriPlus RSH - Z-Cover Window Kit	1R77010-1085
TriPlus RSH - Z-Spindle Nut Kit	1R77010-1086
TriPlus RSH - Z-Motor Brake	1R77010-1087
TriPlus RSH - Z-Ribbon Cable Kit	1R77010-1088
Cables	
TriPlus RSH - Cable BUS, 250 mm	1R77010-1080
TriPlus RSH - Cable BUS, 850 mm	1R77010-1081
TriPlus RSH - DC Cable, 2 m	1R77010-1082
TriPlus RSH - Y-Interface Cable for two Thermo Scientific GC's	1R77010-1083