

# AI 1310/AS 1310 Autosampler: Spare Parts Guide

This guide contains part numbers for all of the replaceable components in the AI 1310/AS 1310. Refer to the *AI 1310/AS 1310 User Guide* for information about installing these components in your instrument. Throughout the AI 1310/AS 1310 documentation, any component with a part number can be ordered from us. Components without a part number are not available.

**IMPORTANT** 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 column components for the AI 1310/AS 1310 autosampler. Be sure to reference the component's part number when placing an order with your local Sales/Service Representative. See the *AI 1310/AS 1310 User Guide* for information about installing these components or the following tables for a comprehensive list of available component.

**Table 1.** Tower Assy

Component	Thermo Scientific Parts Number
Complete tower assy for AI 1310	25117566
Complete top cover assy	24105570
AS 1310 M/S printing circuit boards assy	15220070
Slide stepping motor for AI 1310/AS 1310	31802920
Flat Cable H-FLEX 26F/16F+10F (FC1526) for AI 1310/AS 1310	23045617
Elastic for injection head	31505260
Front door AI 1310	33311045
10 µL syringe (Standard)	36500525
5 µL, 50 mm needle syringe for microvolumes S/SL injector	36500505
10 µL syringe (for Merlin Microseal Valve)	36520060
0.5 µL syringe for nano-volumes injections	36504045
10 µL syringe for PTV, FN 50 mm, gauge 26, bevel tip	365D1831

**Table 2.** Base Assy (Sheet 1 of 2)

Component	Thermo Scientific Parts Number
Complete Base assy for AI 1310/AS 1310	22107110
Waste bottle complete with septum and cap (Set of 5)	19004646
Tray 8-position assy	24010140
Tray 105-position assy	24010146
Tray 155-position assy	24010147

**Table 2.** Base Assy (Sheet 2 of 2)

Component	Thermo Scientific Parts Number
Portable external power supply, level VI efficiency 90-264 Vac/24Vdc	20806060
Round cable H-FLEX 34-pin (FC1524) for AI 1310/AS 1310	23045615

**Table 3.** Vial and Septa

Component	Thermo Scientific Parts Number
2 mL screw top vials, set of 100 (require screw top cap with septa PN 60180-516)	60180-509
2 mL screw top vials plus screw-top caps with septa. (Thermo Scientific brand combination of vials P/N 60180-509 and caps/septa P/N 60180-516)	60180-599
2 mL Crimp-top vials, 11 mm finish, set of 100 (require 11 mm aluminum caps and seals P/N 60180-526)	60180-502
4 mL screw top solvent vials, set of 125 (require screw top cap with septa P/N 60180-516)	60180-510
300 µL micro-volume sampling vials, set of 100 (require screw top cap with septa P/N 60180-516)	60180-507
Screw top caps 2 mL, 4 mL and 300 µL vials complete with septa, set of 100	60180-516
11 mm aluminum caps, with teflon faced septa, set of 100	60180-526
8 mm septa for Waste bottle, set of 100	60180-515
8 mm screw caps for Waste bottle, set of 100	60180-514

**Table 4.** Cables

Component	Thermo Scientific Parts Number
RS232 cable (9-pin)	23043453
GC - AI 1310/AS 1310 cable (6-pin)	23043577
Power cable 10A/250V	23033000
Power cable 10A/125V	23033035
Kit AS 1310 Gemini Cables	19050637

**Table 5.** Alignment Brackets with Centering Plate

Component	Thermo Scientific Parts Number
Centering Plate for S/SL injector (TRACE 1300/TRACE 1310)	36812748
Centering Plate for PTV injector (TRACE 1300/TRACE 1310)	36812749
Centering Plate for S/SL injector (TRACE GC Ultra)	36812738
Centering Plate for Merlin Adapter on S/SL injector (TRACE GC Ultra)	36812734
Centering Plate for PTV injector and Merlin Adapter on PTV injector (TRACE GC Ultra)	36812736

**Table 6.** Autosampler Brackets

<b>Component</b>	<b>Thermo Scientific Parts Number</b>
AI/AS 1310 Bracket for TRACE 1300 Series	36812756
AI/AS 1310 Double Bracket for Gemini on TRACE 1300 Series	36812783
AI/AS 1310 Bracket for TSQ-Quantum Single (Front) Injector on TRACE 1300 Series	36812787
AI/AS 1310 Bracket for TSQ-Quantum Gemini Configuration (105-position Sample Tray ONLY) on TRACE 1300 Series	36812786
Bracket for mounting AI 1310/AS 1310 on right side of the TRACE GC Ultra	36812784
Bracket for mounting AI 1310/AS 1310 on left side of the TRACE GC Ultra	36812785

**Table 7.** Upgrade Kits

<b>Component</b>	<b>Thermo Scientific Parts Number</b>
AI 1310 to AS 1310 (155-position sampler tray) Upgrade kit	19050313
AS 1310 (155-position sampler tray) with Bracket Upgrade kit	19050315
Support Plate TRACE GC Ultra Upgrade Kit	19050314