

AI/AS 1310 Autosampler: Spare Parts Guide

This guide contains part numbers for all of the replaceable components in the AI/AS 1310. Refer to the *AI/AS 1310 User Guide* and the *AI/AS 1310 Service Manual* for information about installing these components in your instrument.

Throughout the AI/AS 1310 documentation, any component with a part number can be ordered from Thermo Fisher Scientific. 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 components for the AI/AS 1310 autosampler. Be sure to reference the component's part number when placing an order with your local Sales/Service Representative. Refer to the *AI/AS 1310 User Guide* and the *AI/AS 1310 Service Manual* for information about installing these components or the following tables for a comprehensive list of available components.

Table 1. Tower Assembly

Component	Thermo Scientific Parts Number
Tower Assembly for AI 1310	25117566
Top Cover Assembly	24105570
AS 1310 M/S PCB Assembly	15220070
AI/AS Slide Assembly	37000300
AS 1310 M/S PCB Assembly (from S/N A202xxxx)*	MI-887801300
AI Slide Assembly (from S/N A202xxxx)*	MI-887803200
Slide Stepping Motor for AI/AS 1310	31802920
Flat Cable H-FLEX 26F/16F+10F (FC1526) for AI/AS 1310	23045617
Extension Cable MUDU (interface cable from S/N A202xxxx)*	MI-FC1800-0020
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

* This component is not backward compatible with AI/AS 1310 instruments produced before January 2021. Refer to Chapter 4, "Parts Replacement for Instrument Serial Number A202xxxx", in the *AI/AS 1310 Service Manual* for more details.

Table 2. Base Assembly

Component	Thermo Scientific Parts Number
Complete Base Assembly for AI/AS 1310	22107110
Waste Container with Cap and Septum (Qty 1)	24012416
Tray 8-position Assembly	24010140
Tray 105-position Assembly	24010146
Tray 155-position Assembly	24010147
External Power Supply, Level VI Efficiency 90-264 Vac/24 Vdc	20806060
Round Cable H-FLEX, 34-pin (FC1524) for AI/AS 1310	23045615

Table 3. Vials and Septa

Component	Thermo Scientific Parts Number
2 mL Screw Top Vials, (set of 100) (requires screw top cap with septa P/N 60180-516)	24014021
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)	24014019
2 ml Crimp Top Vials, 11 mm finish, (set of 100) (requires 11 mm aluminum caps and seals P/N 60180-526)	24074003
4 mL Screw Top Solvent Vials, (set of 125) (requires screw top cap with septa P/N 60180-516)	24014031
300 µL Microvolume Sampling Vials, (set of 100) (requires screw top cap with septa P/N 60180-516)	24014026
Screw Top Caps, 2 mL, 4 mL, and 300 µL. Vials complete with Septa, (set of 100)	38606092
11 mm Aluminum Caps, with Teflon-faced Septa, (set of 100)	38606040
8 mm Septa for Waste Bottle, (set of 100)	31303217
8 mm Screw Caps for Waste Bottle, (set of 100)	38606074

Table 4. Cables

Component	Thermo Scientific Parts Number
RS232 Cable (9-pin)	23043453
GC – AI/AS 1310 Cable (6-pin)	23043577
Power Cable, 10 A/250 V	23033000
Power Cable, 10 A/125 V	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

Component	Thermo Scientific Parts Number
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/AS 1310 on Right Side of the TRACE GC Ultra	36812784
Bracket for mounting AI/AS 1310 on Left Side of the TRACE GC Ultra	36812785

Table 7. Upgrade Kits

Component	Thermo Scientific Parts Number
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