



# Agilent 410 Autosampler

## Features, Specifications, and Ordering Details



The Agilent 410 Autosampler offers the best of both worlds. It is competent for research application and rugged enough for routine preparative LC work. With Pressure Assisted Sampling Aspiration (PASA) the 410 AutoSampler applies pressure within the vial while the sample is withdrawn by high resolution syringe. Air bubbles and in-vial vacuum problems are eliminated resulting in excellent reproducibility. The 410 Autosampler is the ideal choice for both analytical and preparative injection volumes.

Sample trays are available in three configurations: 84 × 2 mL vials with three 10 mL vials, 96 × 2 mL vials, or 24 × 10 mL vials for large injection volumes. Trays can be integrated in less than a minute. Sample volumes up to 10 mL are easily handled for preparative applications.

### Features

- Preparative option allows up to 10 mL injections
- Flexibility with multiple injection modes
- Precise and reliable injections
- Easy access valve, needle, and vials
- Integrated column oven for optimal performance



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## Specifications

<b>Standard sample tray</b>	84 × 1.5 mL vials with 3 × 10 mL vials
<b>Optional sample trays</b>	96 × 2.5 mL vials or 24 × 10 mL vials
<b>Dispenser unit</b>	250 µL syringe standard; 1,000 µL or 2,500 µL syringes, optional
<b>Injection volume</b>	1 to 5,000 µL in standard mode and with preparative option up to 10 mL
<b>Injection methods</b>	Nine methods in memory
<b>Needle wash</b>	Integrated, programmable large reservoir
<b>Vial detection</b>	Yes
<b>Reproducibility</b>	Full loop: < 0.3% RSD Partial loop: < 0.5% RSD µL pickup: < 1.0% RSD Carryover: < 0.05%
<b>Dimensions and weight</b>	Size: 11.8 in/30 cm (w) × 13.4 in/34 cm (h) × 19.7 in/50 cm (d) Weight: 42 lb/19 kg

## Ordering Details

Description	Part number
<b>Agilent 410 Autosampler</b>	G9331A
<b>Agilent 410 reservoir rack</b>	G9331A#170
<b>Glass bottle clear round 8 oz 1/pk</b>	G9331A#172
<b>Agilent mast kit</b>	G9331A#173
<b>Prime purge valve bracket</b>	G9331A#174
<b>Prime purge valve stainless steel</b>	G9331A#175
<b>Round bottom headspace vial 10 mL</b>	G9331A#176
<b>Chromacol headspace septa 20 mm</b>	G9331A#177
<b>Agilent 410 Prep Autosampler</b>	G9332A
<b>Agilent 410 reservoir rack</b>	G9332A#170
<b>Glass bottle clear round 8 oz 1/pk</b>	G9332A#172
<b>Standard tray assay (843)</b>	G9332A#171
<b>Agilent mast kit</b>	G9332A#173
<b>Prime purge valve bracket</b>	G9332A#174
<b>Prime purge valve, stainless steel</b>	G9332A#175
<b>Round bottom headspace vial 10 mL</b>	G9332A#176
<b>Chromacol headspace septa 20 mm</b>	G9332A#177

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