

ACCQPrep® HP150 AS 2x2 and AS 4x2 AutoSamplers

Maximize the throughput and flexibility of your ACCQPrep system by adding automated sample loading for longer unattended operation.

The two rack AS 2x2 and four rack AS 4x2 sampler options allow different chromatographic conditions to be applied to a variety of different samples and doubles or triples the fraction collection capabilities of the base system.

The ACCQPrep AutoSamplers provide high recovery of samples with 99.9% transfer of analyte. PeakTrak software allows users to quickly create sample queues for walk up open-access labs and overnight purifications. Develop methods that result in the highest purity and largest loading capacity with the 3 Step Focused Gradient Generator that works seamlessly with the AutoSampler and PeakTrak software. An integrated wash station and sophisticated robotic probe movement ensures sample purity and limits cross contamination.

The AS 2x2 AutoSampler expands the collection capacity to a total of 4 test tube racks for the ACCQPrep. The AS 4x2 AutoSampler expands collection to 6 test tube racks and up to 648 13 mm tube capacity (450 16 mm tubes, 420 18 mm tubes) in less than 2 foot of bench space.



AS 2x2 AutoSampler
Shown with ACCQPrep System



AS 4x2 AutoSampler

Increase Productivity

- Reliable walkaway sample loading and fraction collection for confident unattended operation
- Nearly 100% sample transfer rate and no carryover
- Quite rugged design and precise XYZ movement for reliable daily operation
- Load samples from racks of 28 tubes, 4 bottles, or 12 high recovery vials with optional seals. Half racks allow easy reloading
- Fraction collection options span 648 tubes to unlimited volume funnel collection without user interaction
- Designed for test tubes, high recovery vial or enclosed vials for organic solvents

Standard System Features

- Save space with the AS 2x2
- Expand capacity with the AS 4x2
- Flowing wash station with on-board peristaltic pump
- Sample bracketing for high concentration or limited solubility samples

AutoSampler Selection Information

AutoSampler AS 2x2

ACCQPrep HP150 AS 2x2–AutoSampler Module only. For upgrade to an existing ACCQPrep with Autoinjector installed#68-5237-129

AutoSampler AS 4x2

ACCQPrep HP150 AS 4x2–AutoSampler Module only. For upgrade to an existing ACCQPrep with Autoinjector installed#68-5237-142

Autoinjector (Required for ACCQPrep systems that do not have an Autoinjector already installed)#68-5237-098

Sample Injection Rack Options:

The AutoSampler can inject from a 13 mm test tube, 125 mL bottle or high recovery scintillation vials.

Half racks available for walk up labs so different users can inject different volumes. Select from as little as 100 uL to as much as 125 mL capacity per purification.

Keep volatile samples enclosed with capped vials and injection options. Reduce the health risk of DMSO and acetonitrile vapors in the lab and keep highly volatile samples from evaporating.

Sample load rack for AutoSampler, 13 mm (28 tubes/rack).
One each#60-5234-637

Sample load rack for AutoSampler, 28 mm (12 scintillation vials/rack).
One each#60-5234-638

Sample load half rack for 13 mm tubes pkg of 1 rack holding 14 tubes
AutoSampler holds two#60-5234-822

Sample load half rack for 28 mm vials pkg of 1 rack holding 5 vials
AutoSampler holds two#60-5234-823

Sample load half rack for 125 mL square bottles pkg of 1 rack holding 2 bottles
AutoSampler holds two#60-5234-831

28mm High Recovery Vial Package, includes vials, caps and aluminum discs.
.....#60-5237-138

Stainless Steel Sample Needle for Volatile Solvents required for capped vials
.....#60-5234-840

Fraction Collection Rack Options:

Collection options range from 13 mm test tubes up to 480 mL bottles or unlimited funnel rack options. Each rack position can be a different tube size and is immediately recognized by the ACCQPrep. New racks can be inserted during purification for endless collection capacity.

Collection racks, 13 x 100 mm, set of 2 (108 tubes/rack).....#60-5237-013

Collection racks, 16 x 100 mm, set of 2 (75 tubes/rack).....#60-5237-061

Collection racks, 16 x 125 mm, set of 2 (75 tubes/rack).....#60-5237-031

Collection racks, 16 x 150/160 mm, set of 2 (75 tubes/rack) ...#60-5237-032

Collection racks, 18 x 150 mm, set of 2 (70 tubes/rack).....#60-5237-033

Collection racks, 18 x 180 mm, set of 2 (70 tubes/rack).....#60-5237-034

Collection racks, 25 x 150 mm, set of 2 (30 tubes/rack).....#60-5237-035

Collection rack, 480 mL square bottle, qty 1 rack for 12 bottles..#60-5237-040

Collection bottles, glass, 480 mL, case of 40#60-2137-062

Funnel Rack qty 1 rack for 12 positions#60-5234-826

AutoSampler Specifications

AS 2x2 AutoSampler Module

Dimensions (H x W x D): 18.9 x 14.0 x 19.3 in (48.0 x 35.6 x 49.0 cm)

Weight: 31.1 lbs (14.1 kg)

Collection Rack: One set of two 18 x 150mm tubes–117V units;
16 x 150 mm tubes–234V units.

Sample Rack: 13 mm test tubes

AS 4x2 AutoSampler Module

Dimensions (H x W x D): 27.5 x 23 x 22 in (69.9 x 58.4 x 55.9 cm)

Weight: 42.2 lbs (19.1 kg)

Collection Rack: Two sets of two 18 x 150 mm tubes–117V units;
16 x 150 mm tubes–234V units.

Sample Rack: 13 mm test tubes



Sample Load Half Rack with 28 mm Vials



Sample Load Half Rack with 125 mL Bottles



Sample Load Half Rack with 13 mm Tubes



Aluminum Disks and Lids for 28 mm Vials, and Stainless Steel Sample Needle



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Teledyne LABS is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.

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