

After extensive development and testing, DPS Instruments, Inc. is pleased to introduce the HTA line of Autosamplers for our Series 600 Gas Chromatographs. Whether you choose the HT300 110 vial Liquid injection autosampler, the HT 200 Headspace autosampler with 40 vial capacity, or the versatile HT280 dual Liquid/Headspace autosampler, your sample throughput is bound to dramatically increase! The HTA line of autosamplers are rugged and dependable and the built-in keypad and display makes them easy to use.

The HTA autosamplers mount directly above the GC, so no additional bench space is needed. The mounting platform hardware and cable connections for the HTA line of Autosamplers are standard on all DPS 600 Series GC Systems. This allows the Autosampler to be added with the initial purchase of the GC, or at a later date when sample volumes increase.

Available Autosamplers include:

- 600-A-050 - HT300 - 110 vial Liquid Injection
- 600-A-051 - HT200 - 40 vial Headspace Injection
- 600-A-052 - HT280 - Combination Liquid and Headspace Injection

General Specifications:

HT200 - Headspace Autosampler

- Sampling: 40 Vials, 10 or 20ml
- Syringe Sizes: 2.5, & 5ul
- Syringe Temperature: 40 - 150C
- Sample Volume: Steps of 0.01ul
- Pre-fill Volume: Steps of 0.01ul
- Pull Up Strokes: Up to 15 Strokes
- Equilibrium Delay: Up to 60 secs
- Filling Speed: 0.1 - 100ml/min
- Sampling Repeats: Up to 15
- Waiting Time between Samples: 0 - 99 mins
- Injection Speed: 0.1 - 100mls/min
- Shaking Method: Orbital
- Incubation Oven: 6 position
- Oven Temperature: 40 - 150C
- Time: 0 - 23h 59m
- Progression Increase: 0 - 9h 59m
- Shaker Speed: 320 - 720 rpm
- Shaking Cycles: 0 - 9.9 mins
- Injection Depth: Variable
- Electrical Control: RS232 & TTL
- Dimensions: 420 x 620 x 400mm
- Weight: 11.5kg

HT300 - Liquid Autosampler

- Sampling: 110 Vials, 2 or 2.5ml
- Syringe Sizes: 1, 10, 25, 50, & 100ul
- Sample Volume: Steps of 0.1ul
- Air Volume: Steps of 0.1ul
- Aspirating Speed: 1 -100 ul/sec
- Needle Washing: Up to 15 Strokes
- Washing Mode: Every Injection, Sample or Step
- Air Bubble Removing: Up to 15 Strokes
- Viscosity Time: 0 - 15 secs
- Injection Speed: 1 - 100ul/sec
- Waiting Time: 0-99 secs
- Injection Depth: Variable
- Electrical Control: RS232 & TTL
- Dimensions: 420 x 520 x 400mm
- Weight: 9.0kg



DPS GC Autosamplers

