HTA 40-Vial Headspace Autosampler

- **Interfaces with SRI and other GCs**
- **Holds 40 Standard 20mL Headspace Vials**
- **Injects Directly into the GC—No transfer lines**
- **6 Position Incubator with Orbital Shaking**
- **Progressive Sample Transfer**

The Headspace Autosampler is designed to meet the requirements of static headspace injection for GC analysis. The swivel head design simulates the movements of manual direct injection and eliminates the need for transfer lines.

The injection tower smoothly transports vials to the 6 position incubator, where they are orbitally agitated at the user-programmed temperature. The heated syringe then samples the headspace and injects directly into the GC. The 2.5 or 5mL syringe is purged with inert gas after injection. The incubator oven and the heated syringe have the same programmable temperature range of 40° to 150°C. The rotating design leaves the injection port available for manual injections at any time. The autosampler processes samples so that headspace injections start immediately after previous run is completed.

OPERATING SPECIFICATIONS

Sample conditioning	
Oven temperature	40°C - 150°C
Incubation time	0:00 - 24:00 hr
Progressive heating time	0:00 - 9:59 hr
Oven shaking time	variable
Sample withdrawal	
Syringe temperature	40°C - 150°C
Sample volume	steps of 0.01mL
Flushing flow rate	0.1 - 99.9mL/min
Sample homogenization	up to 15 strokes
Syringe size	2.5 or 5mL
Injection	
Injection speed	0.1 - 99mL/min
Pre/post injection swell time	0 - 99 sec
Post injection syringe flush time	0 - 9.9 min

Up to 10 analytical methods, including all the user-selected options listed in the OPERATING SPECIFICATIONS table, may be stored in the autosampler's memory.

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