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TELEDYNE INSTRUMENTS
Tekmar
A Teledyne Technologies Company

# Tekmar 7000 Headspace Autosampler

## Features

| | Tekmar | Others |
|---|---|---|
| OPTIMIX™ Equilibration System (patent pending, time settable 0.1 to 999.9 minutes, power setting in nine increments. Method Optimization Mode (MOM™) whereby successive samples receive incremental changes in method parameter setpoints for time, temperature, or mixing power (requires 7050 Carrousel). | ✓ | |
| Independent control of vial pressurization, standby flow rate and column flow rate yields maximum sensitivity, and minimum carryover. | ✓ | |
| Silcosteel® Tubing option for Highly Reactive Compounds. | ✓ | ✓ |
| Optional synchronous injection of two samples into a single instrument for maximum sample throughput yields automated analysis of up to 100 samples in half the run time when compared to single injection mode instruments. (Requires cables and dual column/dual detector/dual integrator instrument.) | ✓ | |
| Optional Cryofocusing Module to increase sensitivity with capillary columns and to concentrate samples in multiple headspace extractions. | ✓ | |
| With Multiple Headspace Extraction (MHE), up to nine extraction steps per sample with intermediate vent, with or without multiple septum puncture, Concentrate or Standard Mode. | ✓ | |
| Oil-free, resistance heated 12 sample position platen with variable temperature range from 15°C above ambient to 200°C settable in 1° increments, uniformity ±0.1°C. | ✓ | |
| Availability of .1, .25, .5, 1, 2, 3, and 5 mL stainless steel sample loops which are user accessible and easily interchangeable. | ✓ | |
| All sample pathways Teflon®-free continuously swept 1/16” heated nickel transfer line, variable temperature (ambient +15°C to +250°C), stainless steel sample loops. | ✓ | |
| Multi-task, self-contained microprocessor controlled headspace autosampler, which allows the execution of a method while concurrently editing any method parameter. | ✓ | |
| The instrument incorporates a card cage design with easily interchangeable slide in/out electronic boards with LEDs for easy diagnostics. Optional two-way instrument interface BCD, RS232 serial communication. | ✓ | |
| Headspace Autosampler commercially designed and manufactured in the United States. | ✓ | |

**Sales/Support:** 800-874-2004 · **Main:** 513-229-7000
4736 Socialville Foster Rd., Mason, OH 45040
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