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- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

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Experienced engineers and technicians on staff at our full-service, in-house repair center

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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)



## Specifications

<b>Capacity:</b>	12 vials simultaneously heated, sampled via stationary needle design	
<b>Column Interface:</b>	Standard side-port connect for packed and capillary inlets, Optional: Septum Needle Adaptor, Low-volume Insert, Cryofocusing Module, Direct Column Connection.	
<b>Interface Capability:</b>	Capable of interfacing to virtually all commercially available gas chromatographs, equipped with packed, wide bore or capillary columns	
<b>Vial Size:</b>	9, 12, or 22 mL, removable insert for 9 and 12 ml vials	
<b>Sample Loops:</b>	Interchangeable 0.10, 0.25, 0.50, 1.0, 2.0, 3.0, and 5.0 ml stainless steel loops; 0.25, 0.50, 1.0, 2.0, mL E-form loops	
<b>Heated Sample Platen:</b>	Oil-free, resistance heated, jacketed, variable temperature (ambient +15°C to 200°C), settable in 1°C increments, uniformity +0.1°C	
<b>Valving:</b>	Motor-actuated 6-port valve, variable temperature (ambient +15°C to 250°C), 2 solenoid operated 2-port valves for sample pressurization and sample vent	
<b>Sample Path:</b>	Teflon-free continuously swept 1/16" heated nickel transfer line, variable temperature (ambient +15°C to 250°C), stainless steel sample loops; Optional: Silcosteel or polar transfer line and loops	
<b>Sample Mixing:</b>	OPTIMIX Equilibration System (patent pending), time settable 0.1 to 999.9 minutes, power setting in 9 increments	
<b>Modes of Operation:</b>	Manual:	Single sample
	Standard:	Multiple samples, minimum time for equilibrium successive samples are heated for long periods
	CHT:	Constant Heat Time, identical thermal exposure and preheating time for each sample (requires 7050)
	MHE:	Multiple Headspace Extraction, up to 9 extraction steps per sample with intermediate vent, with single or multiple puncture, with Standard or Concentrate Mode
	MOM:	Successive samples receive incremental changes in method parameter setpoints for time, temperature, or mixing power (requires 7050 Carousel) with selectable number of times each increment is run
<b>Methods:</b>	4 Methods with scheduling feature for grouping up to 16 different sets of samples in the 7050 Carousel	
<b>Electronics Control:</b>	Parameter entry via a front panel, self-contained microprocessor and software, movements controlled vial optical transmissive switching. Optional Windows-based Unit Control.	
<b>Display:</b>	64 x 240 pixel graphics LCD screen	
<b>Interface:</b>	Card cage mounted: optional two-way instrument interface, BCD, RS-232 serial communication; baud rate selectable 150 to 19200	
<b>Size:</b>	20" W x 22" H x 13" D	
<b>Weight:</b>	79 lbs.	
<b>Utilities:</b>	110V 50/60 Hz, 8A, 220V 50/60 Hz and 100V 50/60 Hz optional, carrier/pressurization gas	



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