

HT 2000 H

Headspace Autosampler

HT2000H Headspace Autosampler is designed for automatic injection of equilibrium vapor samples (Headspace autosampler) into chromatographs of "Crystallux" series. This way, volatile components from matrices, the ones that shouldn't be injected, or can not be injected into the chromatograph, are injected into chromatograph. Examples of such matrices are drinking and waste water, soil, biological fluids, food products and drinks, various polymers, building materials, pharmaceutical products, etc. Autosampler realizes static injection method of equilibrium vapor from above the analyzed liquid (solid sample) in thermostated vial. During work with chromatograph of "Crystallux" series sampler control is realized directly from chromatograph software without running additional programs.

Specifications

Number of analyzed samples	from 1 to 42 (tray for 42 samples)
Data exchange with PC	by standard interface LAN
Data exchange with chromatograph	by specific interface (TTL-logic)
Vial volume for analyzed sample	20 or 10 ml
Thermostat temperature for sample heating	from 40 to 170 °C.
Number of positions for sample heating in thermostat	6
Sample maintenance time in thermostat	from 0 to 999 min
Method of sample shaking	Orbital
Speed of shaking	320—720 rpm
Shaking cycle (on/off)	from 0 to 10 min
Volume of injected sample	from 0,01 to 5,0 ml (syringes 2,5 , 5,0 and 1,0 ml), discreteness of sample injection — 0,01 ml
Speed of sampling and injection	from 0,5 to 100 ml/min

