



Autosampler AS-2M Datasheet

Type	Rotating carousel
Vial volume	2 ml
Carousel Capacity	22 (18 samples + 4 waste)
Solvent	30ml (top washing) A + B solvents (washing from vial)
Syringe	10 µl (standard) 0.5; 1; 5, 10 µl 100 & 250 µl syringes available for extended model
Injection volume range	0.01 – 10 µl up to 250 µl for extended model
Min Injection time	0.1 sec
Injection port	1
Repeatability	RSD <0.3% (area, C10-C16 in octane sample mix)
Compatibility	GC Chromatec-Crystal series

Key features

- Automatic injection of liquid and ambient headspace samples
- Simple design and moderate price make AS-2M a workhorse in your lab
- Simple installation on the GC inlet, easily removable for manual injection by request
- 2 syringe washing modes, 4 injection modes and other parameters available for flexible operating mode to optimize your workflow
- Top washing mode elongates lifetime of 10 µl syringe especially for “hard” samples
- Intuitive interface and voluntary setting capabilities allow developing flexible sequences in vials order and operating conditions.

Technical specifications

Sampling modes	Simple injection Simple sandwich Sandwich with solvent Sandwich with internal standard
Sampling programmable parameters	Top, middle and bottom air plug volumes Solvent or internal standard plug volume Sample vial depth Plunger aspirating and flushing speed Viscosity delay Sample vial depth Injection depth
Injection parameters	Injection per vial (1...99) Sample rinse (max 10) Injection depth (2...36mm) Pre- and post-injection delay Priority vial
Washing	
Washing modes available	Top washing, from vial Pre- and post-injection solvent washing, sample washing
<u>"Top washing" mode parameters</u>	
For syringe	10 µl
Solvent	30 ml
Waste	8ml (4x2ml vials)
Time washing, sec	Up to 60
Pumping	Pneumatic (0.17-0.2 or 0.4-0.6 MPa)
<u>Washing mode "from vial" parameters</u>	
For syringes	0.5; 1.0; 5.0; 10.0
Solvent	Up to 2 vials (2ml. A, B solvents)
Waste	4ml (2x2ml vials)
<u>Washing by air parameters</u>	
For syringes	100; 250
Rinse cycles	Up to 10
Control	Software Chromatec Analytic
Data communication	RS-232 (to the GC)
Power supply	115 – 264 V
Power consumption	50 W
Dimensions (WxDxH)	145x380x410
Weight	5.5 kg

Information and technical specification in this publication are subject to change without notice.



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