



Autosampler Alias

"Alias" is a high throughput autosampler for LC and LC/MS of robust design. It is using state of the art injection technology with fast injection and wash cycles. Full or partial loop injection as well as μ l-Pickup is supported.

For all injection modes, loop injection with Pressure-Assisted-Sample-Aspiration (PASA™) is selectable. The sample needle will not be moved to an extra port for injection which reduces the risk of bubbles and avoids contamination.

Highly efficient washing of tubing and needle (in- and outside) prevents sample carry over. The cycle time is less than 1 minute including the wash time. Standard vials 32x12mm (96 pos.) or well plates (96 or 384, deep or shallow) could be used.

The device is fully controlled by chromatography software „Clarity“.

Technical specifications

Package contents	Autosampler with manual 2 racks for 48 vials each, cables, fuses, supplies
Samples	2 x 48 Vials (1.5ml) or 2 x Well-Plate 96 (deep or shallow) or 2 x Well-Plate 384(deep or shallow)
Sampling technology	Air-pressure assisted sample aspiration without sample-syringe contact (fixed concentric air/sample needle pair)
Modes	Full or partial sample loop, µl-Pickup
Needle wash	1 solvent (programmable volume) or optionally 6 solvents
Cycle time	<1min including 300µl wash
Injection range	1 - 5000µl 1µl increments, 500µl syringe
Injection precision	RSD < 0.3% (full sample loop) RSD < 0.5% (partial sample loop) RSD < 1.0% (µl-Pickup)
Connectors	IO, RS232, Power (95-240V AC)
Options	Sample cooling („Cool“) Inert injection system („Bio Cool“) 24 Vials à 10ml
Size	300mm x 510mm x 360mm
Weight	19 kg (Alias), 21kg (Alias Cool)
P/N	810 910 Autosampler Alias 810 911 Autosampler Alias Cool 810 912 Autosampler Alias Bio Cool



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