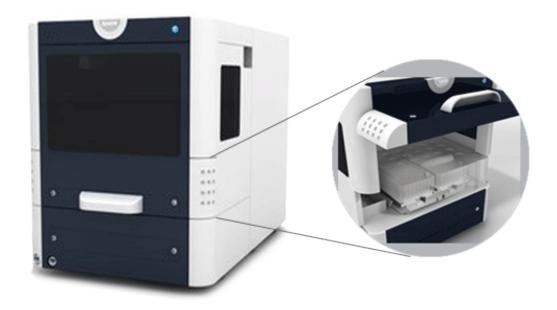


Enhance your SPR research productivity with the BI Autosampler. The BI Autosampler conveniently integrates with the BI SPR instrument, turning your BI SPR instrument into an automated workhorse.



Key Features:

- ♦ Automated sample mixing and diluting for greater hands-free operation
- ♦ Two plate holders, each compatible with 384, 96, 48, and 12 plate formats
- ♦ Handles well plates, open vials, and sealed vials
- ♦ Sample cooling, ranging from 4 °C to 3 °C below ambient
- ♦ Multi-solvent needle wash virtually eliminates all carry-over
- ♦ Pressure assisted sample aspiration for minimal sample needle contact
- ♦ Silica coated steel needles for metal-free sampling

BI Autosampler System Specification

Performance	Carry-over	< 0.05% with standard wash Typically <0.01% with extra wash
	Injection precision	Full-loop < 0.3% RSD Partial loop-fill < 0.5% RSD
Injections	Injection modes	Full-loop and Partial loop-fill (Capable of Pressure Assisted Sample Aspiration)
	Injection volume	$0 \mu L$ to 9999 μL (depends on installed sample loop size)
	Injection cycle time	< 60 seconds
Samples		2 x Microtiter plates (SBS standards)
	Sample Capacity	2 x 48 Vials (1.5 mL)
		2 x 12 Vials (10 mL)
	Sample viscosity	0.1—5 cP
	Max vial / MTP height	47 mm
Components	Needle wash	Inside and outside needle wash with drying
		250uL wash reservoir
	Valve switching time	60 msec
	Wetted parts	Coated steel needle, glass, PEEK
	Sample cooling	Minimum: 4 °C +/- 2 °C
System	Dimensions	300 x 575 x 360 mm
	Weight	21 kg
	Power requirements	95 - 240 Volt AC +/- 10%,
		50 - 60Hz; 200 VA



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