

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

<b>Performance</b>	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
<b>Injections</b>	Injection modes	Full-loop and Partial loop-fill (Capable of Pressure Assisted Sample Aspiration)
	Injection volume	0 $\mu$ L to 9999 $\mu$ L (depends on installed sample loop size)
	Injection cycle time	< 60 seconds
<b>Samples</b>	Sample Capacity	2 x Microtiter plates (SBS standards) 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
	Needle wash	Inside and outside needle wash with drying 250uL wash reservoir
<b>Components</b>	Valve switching time	60 msec
	Wetted parts	Coated steel needle, glass, PEEK
	Sample cooling	Minimum: 4 °C +/- 2 °C
	Dimensions	300 x 575 x 360 mm
<b>System</b>	Weight	21 kg
	Power requirements	95 - 240 Volt AC +/- 10%, 50 - 60Hz; 200 VA



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