

Bee 12



Product Highlights

- Easy walk away system
- Reagent save feature
- Fully programmable
- Custom trays



“You don't have to be high throughput to benefit from automation”

Bee 12

The Bee 12 has been designed with the low throughput laboratory in mind, and uses the same well-proven components derived from the successful BeeBlot instrument.

The Bee 12 is fully programmable from an user friendly windows based software, where the operator can custom-build their assay protocols. Once the assay has been programmed, it can be uploaded from the PC to run from the instrument's integral keypad. Up to 12 different assays can be stored and selected for use. A reagent save feature can be included into any assay to reverse the pumps, saving valuable reagents.



SPECIFICATION

Display Unit:	LCD with 2 rows of 16 digits
Keyboard:	5 membrane covered switches
Number of Dispensing Heads:	6 standard (option for another 3)
Optional Reagent Save Feature:	Reversible pumps
Peristaltic Pumps:	Option for up to 9 pumps
Power ON Indicator:	Green LED
Computer Interface:	Programmable via RS232
Capacity:	Minimum 2, Maximum 12 samples per run
Instrument Control:	Interactive keypad
Reagent Volume Range:	250ul – 4ml
Dispensing Accuracy:	Less than or equal to 10%

Environmental

Operation:	15 to 30 °C
Operating Temperature Range:	18 to 24 °C
Storage:	-10 to 70 °C
Relative Humidity:	Maximum = 80% for temperature up to 31 °C decreasing linearly to 50% relative humidity at 40 °C
Altitude:	Up to 2000m
Over Voltage Category:	II
Method of Disposal:	Hazardous waste
Usage:	Commercial
Pollution Degree:	2

Power

Supply:	Universal Input	Mains supply voltage fluctuations not to exceed +/- 10% of normal voltage
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Fuses:	T rating 5 amps @ 110-240volts
Non Operator Internal Fuses:	Power Supply Unit – AC 100-250V 3.2A 50/60Hz
Consumption:	5 amps @ 110-240volts

Physical

Dimensions:	400mm(w) x 480mm(d) x 500mm(h)
Weight:	23kg

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