

TECHNICAL BULLETIN

Bulletin No.: TB5034
Subject: BioSpray System and
STERIPLEX HC ROI & Cost Benefit Analysis
Objective: Disinfection Level for Healthcare Industries

Single Day Job: 1
View Report Data as: Daily

Base Wage (Hr): \$15.00
Payroll Burden: 17.50%
Shift # Per Day: 3

Square Feet of Treated Area: 57500
Target Payoff Mos.: 12

Application Method	1L Trigger Sprayer	Commercial PSD-20RT	Commercial CN-80	Light Duty LD-10HC	Light Duty LD-10	Light Duty LD-5 Backpack
Product	STERIPLEX HC 1L Trigger Sprayer Bottle	STERIPLEX HC 1L Bottles	STERIPLEX HC 1L Bottles	STERIPLEX HC 1L Bottles	STERIPLEX HC 1L Bottles	STERIPLEX HC 1L Bottles
Cost per Square Foot (Product Only)	\$0.109	\$0.012	\$0.012	\$0.015	\$0.015	\$0.015
Cost per Square Foot (Product, Operating & Labor)	\$0.203	\$0.089	\$0.090	\$0.092	\$0.092	\$0.092
Rub Required	No	No	No	No	No	No
Disinfection Rinse Required	Yes	Yes	Yes	Yes	Yes	Yes
Facility Performs Food-Grade Level Disinfection	Yes	Yes	Yes	Yes	Yes	Yes
Wipe Required	Yes	Yes	Yes	Yes	Yes	Yes
Daily Chemical Cost	\$6,240.77	\$690.38	\$690.38	\$862.98	\$862.98	\$862.98
CO2/Nitrogen Cost (Daily)	N/A	\$268.33	\$319.44	\$268.33	\$268.33	\$268.33
Labor						
Number of FTE's for Job (7-Hr Day)	44.2	33.9	33.9	33.9	33.9	33.9
Daily FTE Hours	309.1	237.3	237.3	237.3	237.3	237.3
Daily Labor Cost	\$5,447.23	\$4,183.24	\$4,183.24	\$4,183.24	\$4,183.24	\$4,183.24
Totals	\$11,688	\$5,142	\$5,193	\$5,315	\$5,315	\$5,315

Gallons of Formula Needed	139	15	15	19	19	19
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Number of BioSpray Power Packs Needed		3.0	3.0	3.0	3.0	3.0
Drive Cylinder Packages						
Package 1: Minimum Suggested Number Additional Extra Cylinders		3	61	3	3	3
Pkg 1 & 2 Total Number Cylinders		3	61	3	3	3
BioSpray Power Packs Cost		\$29,400	\$17,700	\$14,985	\$12,300	\$10,500
Cylinder Package 1 Cost (Optional)	Included	\$507	\$10,309	\$402	\$402	\$297
Cylinder Package 2 Cost (Optional)	Included	\$0	\$229	\$0	\$0	\$0
Cylinder Re-Fill Kit (Optional)	Included	\$1,800	\$0	\$1,800	\$1,800	\$1,800
Commercial Atomizing Spray Gun: LD Exchange (Optional)	Not Included	Included	Included	\$0	\$0	\$0
Total Equipment		\$31,707	\$28,238	\$17,187	\$14,502	\$12,597

Return on Investment and Cost Benefit Analysis STERIPLEX HC 1L Trigger Sprayer Bottle						
Monthly Cost Benefit (Savings)		\$546	\$541	\$531	\$531	\$531
Months to Payoff		>12 Mos.	>12 Mos.	>12 Mos.	>12 Mos.	>12 Mos.
2-Yr Return on Investment (ROI)		-\$18,614	-\$18,717	-\$4,440	-\$1,755	\$150