

PCS Miele Thermal Disinfection of Microfibre

Experimental Design

For the test, PCS supplied contaminated microfiber cloths that were soiled to represent those from a typical healthcare environment. Five cloths were selected at random and analyzed using a ATP meter and results were recorded.

The microfiber cloths were then washed and dried in the Miele Little Giants (PW6065 & PT7136). The wash program selected was the Miele Thermal Disinfection 85C, with an active hot prewash and five hot rinses.

Process additives used in the process include:

Main Wash: 2 capfuls Process Microlaundry and 120 ml PCS MicroDestainer

Cloths were then dried to a 0% moisture content using the Miele Little Giant moisture sensing dryer.

Five cloths were then again selected at random and tested using the ATP meter.

Cloths were subsequently saturated with 60ml Process Microclean in 50 ozs water for every 20 cloths then dried.

Results

Cloths Before:

Sample #	ATP Recording
1	243
2	253
3	42
4	1184
5	147
Average	373.8

Clothes After:

Sample #	ATP Recording
1	2
2	2
3	3
4	2
5	1
Average	2

Cloths after cleaning were clean – free of soil, hair, lint, etc.

Conclusion

Upon examination of the results, it is apparent that the Miele Little Giant laundry system in combination with Process Microlaundry and PCS Destainer is effective at decontaminating microfiber.

Properly laundered microfiber will prevent foul cloth odors, remove soils and most importantly, enhance cleaning performance.

Miele Little Giants and PCS should be considered for any “Best Practice” cleaning environment.

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Respectfully submitted,

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