



Hygienic Benefits



- Viruses/germs can be transferred by hands in flushing. In Falcon's Waterfree urinals, this process is eliminated due to the hands free aspect.
- Bacteria is prevalent in conventional water-flushed urinals due to the presence of water.
- The total bacteria count in waterfree urinals is 5 times less than in water flushed urinals.

上海市环境工程设计科学研究院检测报告

样品来源: 自采, 淮海路兰生大厦厕所内小便斗臭气
委托单位: 上海庄臣专业化学用品有限公司
采样日期: 9/07/03
检测日期: 9/07/03~10/07/03
检测项目: 细菌总数、臭气 (NH₃、H₂S)

Objective: Comparison between Waterfree and Waterflushed urinals regarding their ability in getting rid of bacteria and off-odors.

Test method:
- bacteria: "Plate Count";
- NH₃ by: "Nash Spectrophotometry";
- H₂S by: "Methyl thionine chloride Spectrophotometry";

Test result:


Item	No. of Bacteria (no./ml)	NH ₃ (mg/M ³)	H ₂ S (mg/M ³)
Waterfree Urinal	2.7 × 10 ⁶	0.321	ND
Waterflushed Urinal	1.36 × 10 ⁷	0.596	ND

Note: calculation method of bacteria - collect 5 spots inside of the urinal with 5 individual bacteria-free tampons. Then combine these 5 tampons and dip them into the 10ml "Sterile Solution".

Conclusion: The total number of bacteria in Waterfree Urinal is 5 times less than the one in waterflushed Urinal. The concentration of NH₃ (mg/M³) in Waterfree Urinal is 1 time less than the one in waterflushed Urinal. No H₂S has been detected in either of the above-mentioned Urinals.

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报告单位: 上海市环境工程设计科学研究院检测中心
报告日期: 4/09/03

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Shanghai City Bacteria Count Study