

Antimicrobial Medical Grade Tablet

According to a 2002 article in the Journal of America Medical Informatics Association, 2 million patients acquire nosocomial (hospital-acquired) infections during hospital stays annually. These infections annually result in 19,000 deaths. The annual cost to treat these infections is **\$28-\$34 billion**.

The medical grade tablet used in VitaScan LT Medical Grade systems is designed to ensure patient safety, reduce potential liability, and represent a positive long-term return on investment:

Antimicrobial Housing - Help maintain a germ-free environment (see test results below).

Sealed Front Bezels and IP65 Certified - Dust and water tight, the front of the computer can be cleaned with water or solutions without damaging the internal electronics of the computer.

Fanless - Eliminates the circulation of dust or other particulates that could compromise sterile environments. Eliminates noise. Has greater reliability since no external debris can circulate inside the computer. Longer product life since there are fewer moving parts.

EN60601 Certified - meets the highest requirements for safety and electromagnetic compatibility. Tested for hazards related to: electrical shock, mechanical impact, radiation, ignition from flammable anesthetics, fire, and excessive electrical energy output.



Antimicrobial Medical Grade Tablet:
 Operating System.....Windows® 10 Pro (Standard)
 Downgrade available for fee.
 9.7" LED Backlit Multi-touch Screen Intel® Cedarview™
 Processor N2600 4GB DDR3/1333MHz SO-DIMM RAM
 64GB
 Solid State Memory
 Antimicrobial Housing IP65 Sealed Front Bezel, IPX1 Back
 CoverEN60601-1, UL60601-1 Medical Certified.
 VitaScan Software Pre-installed

When tested by an independent laboratory for Antimicrobial activity and efficacy:

Test Micro-organism	The # of viable cells of bacteria <u>immediately after inoculation</u> on the <u>untreated</u> test piece (CFU/piece)	The # of viable cells of bacteria <u>24 hours after inoculation</u> on the <u>untreated</u> test piece (CFU/piece)	The # of viable cells of bacteria <u>24 hours after inoculation</u> on the <u>antimicrobial</u> test piece (CFU/piece)	The value of antimicrobial activity	Standard limit of the value of antimicrobial activity
<i>Escherichia Coli</i> ATCC8739	1.8×10^5	1.6×10^6	<10	>5.20	≥2.0
<i>Staphylococcus Aureus</i> ATCC6538P	1.6×10^5	4.2×10^4	<10	>3.62	≥2.0

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