

# COMPARISON OF DISINFECTION METHODS

<b>SCHELD</b> AVIATION SERVICE	<b>BIT™</b> Binary Ionization Technology	Scouring wipe with alcohol based solutions	Fogging with hydrogen peroxide	Fogging with hydrogen peroxide & silver
Kill log 10 <sup>6</sup> Reduction of 99,9999%	✓	✗	✗	✗
No long term damage due to corrosion e.g. structure	✓	✓	✗	✗
Suitable for cockpit switches, screens, electronics	✓	✗	✗	✗
No harm to any materials e.g. chemical influences, scratches	✓	✗*	✗*	✗ *
No special atmosphere (P, V, T) needed	✓	✓	✗	✗
Air conditioning status has positive / no impact	✓	✓	✗	✗
No residues	✓	✗	✓	✗
No biohazard materials left behind	✓	✗	✓	✓
Environmental friendly	✓	✗	✗	✗
Needed time for application	1 Hour plus ventilation time (15 min.)	Depends on manpower 2 min. exposure time on surface plus time for rinse	Entire volume of cabin has to be filled. 2-4 hours plus ventilation time	Entire volume of cabin has to be filled. 2-4 hours plus ventilation time
* Compatibility to materials	Non corrosive, no wipe, no rinse, no damage to any material	Damage through wiping (scratches)	Highly corrosive, may damage materials	Moderately corrosive, may damage materials, residues of silver