

# CLEANING AND SANITIZING PANASONIC TOUGHBOOK MOBILE PCs IN HEALTHCARE APPLICATIONS

*When working in point-of-care facilities, it is critical that healthcare professionals keep their equipment clean and sanitized to reduce or eliminate the spread of bacteria and viruses through common use of the equipment. The same rule also applies to mobile computers, as this equipment is also in routine contact with users' hands and can easily become contaminated with potentially pathogenic microorganisms.*

*Panasonic has intensively tested a number of common disinfectant solutions for usability on Toughbook® laptops, going above and beyond typical testing procedures to create and test worst-case scenarios. This is all part of Panasonic's commitment to providing not only the most durable and reliable mobile computing solutions for the healthcare industry, but also the most comprehensive product support. Our goal is to ensure that any disinfectant solutions we recommend will ensure years of trouble-free Toughbook laptop operation.*

## RECOMMENDED "WIPE" FORMS OF DISINFECTANTS

Panasonic recommends that only the "wipe" forms of the disinfectant solutions listed here be used. Our extensive testing has shown that prolonged exposure to chemicals from sprays, soaking and submersion can result in oxidation on various parts of the laptop, paint discoloration and even failure of the seals used in the laptop. When using the wipe cleaners, the surface should be dried soon after the solution is applied.

## APPLICATION AND TEST PROCEDURES

Sani-Cloth Plus, Alcohol Prep Pads, Cavi Wipes and Total Solutions Disinfectant Wipes were among the medical cleaning solutions tested. Panasonic's test procedure was to wipe each area with the liquid solution with a pressure of 1Kg/cm for 10,000 times.



## TEST RESULTS

Product	CF-30	CF-T8	CF-19	CF-74
Sani-Cloth Plus	OK	OK	OK	OK
Alcohol Prep Pads	OK	OK	OK	OK
Cavi Wipes	OK	OK	OK	OK
Total Solutions Wipes	OK	OK	OK	OK

## CONCLUSION

With normal use, none of the wipe disinfectants listed in the chart should damage a Toughbook laptop; however, please be sure to dry the surface soon after the solution is applied. Otherwise, the PC surface quality may change, as shown to the right.

Although Panasonic has rigorously tested the wipe disinfectant solutions for laptop damage potential, Panasonic does not endorse the disinfectants listed nor warrant their effectiveness.



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