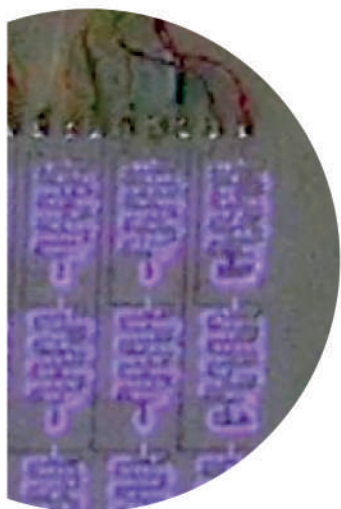


# Ceramic self-sterilizing touch keypad



## Cold plasma for biological and chemical agent neutralization

- ✓ Deactivation of wide spectrum of pathogens and compounds
- ✓ Long shelf life, no consumables needed
- ✓ Cold plasma does not interact with mammalian cells
- ✓ Ceramic technology is well-suited for making plasma generators
- ✓ Chemically inert (no corrosion), good dielectric strength, buried metal possible
- ✓ Potential to produce plasma-activated water - decontamination of surfaces after floods



## Effective disinfection of surfaces from dangerous pathogens



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## APPLICATIONS



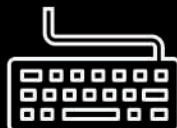
intercoms



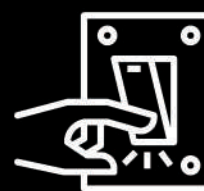
ATMs



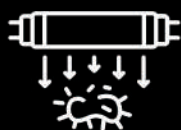
light switches



keyboards



door bells



air  
decontamination  
system in vehicles



portable cold  
plasma surface  
disinfection system

## MECHANISM OF ACTION

Creation of  $O$ ,  $O_2^-$ ,  $H_2O_2$ ,  $O_3$   
UV emission



cold plasma generator with self-sterilizing surface

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