

TECHNICAL ASPECTS OF THE COVID HUNTER

- Non-invasive, non-touch, immediate, and portable detection of SARS-CoV-2
- Immediate detection of SARS-CoV-2 from 0-2 meters away with >99% specificity and sensitivity
- Detection through glass or transparent material
- Immediate detection of 2 internal and external components of SARS-CoV-2 (such as RNA or spike protein) in a specific and sensitive manner
- Immediate detection of SARS-CoV-2 in any human sample, including nasal swabs, oral swabs, sputum, saliva, bronchoalveolar lavage (lung aspirate)
- Immediate detection of SARS-CoV-2 inside human body (identification of people infected with SARS-CoV-2 ("carriers")) in a non-invasive manner
- Immediate detection of SARS-CoV-2 in air coughed or sneezed or blown out of mouth or nose of infected people into a transparent container (identification of people infected with SARS-CoV-2 AND who are infectious (transmitters of infection))
- Immediate detection of SARS-CoV-2 in different body organs (throat, lung, sinus)
- Immediate detection of SARS-CoV-2 on the outside of human body (skin and clothes)
- Immediate detection of SARS-CoV-2 on contaminated objects (such as door handles, mobile phones, high-touch surfaces, packages, etc.)
- Verification of RT-PCR results of COVID19 (SARS-CoV-2) infection to eliminate false readings
- 1-piece unit with battery charging station
- Enabled to download new mutation strains to detect the evolving virus
- SARS-CoV-2 detection indicator to convey amount of virus present
- Audio/visual display alert system for positive identification of SARS-CoV-2
- 12V rechargeable batteries
- 10 available memory "slots" for SARS-CoV-2-programs
 - Device pre-programmed with 3 "targets"
 - SARS-CoV-2 RNA
 - Useful to detect internal parts of the virus (such as the genetic material of the virus)
 - SARS-CoV-2 Spike-protein
 - Useful to detect fully-assembled viral particles
 - SARS-CoV-2 Combined: Spike-protein and RNA
 - Detects different parts of the virus
 - 7 available memory slots for future mutations
- The device can be used to distinguish SARS-CoV-2 from other viruses such as influenza, norovirus, etc.

