



# QUICK BREATH ANALYZER (QUBA USA)

# QUBA USA (QUICK BREATH ANALYZER)

- Invention of Van Wees Innovation (VWI)
- VWI is the first in the world with an achievable result of filtering 99,9997% of ultra-fine particles of air (and 100% of fine particles).

## **Our mission**

- To stimulate the health of people worldwide and to contribute to the global effort tackling the coronavirus (COVID-19).
- Create systems which integrated and expanded into a semi-automatic unit for detecting airborne viruses of any kind or variant. Continuous value development for future proofing of device.

# THE PROBLEM – INFECTIOUS DISEASE



QUBA (Quick Breath Analyzer) is a NON-  
INVASIVE RAPID TEST:

- Measuring particles of a specific size out of a breath sample - released after shouting or singing, coming from the tested person, who is in the QuBA cabin.
- Released after shouting or singing, coming from the tested person, who is in the QuBA cabin.
- QuBA®) is a test cabin, equipped with a measurement system that detects whether someone is able to pass on the **COVID-19 virus – or any other airborne virus –** to the next host.

# THE SOLUTION – QUBA USA

QUBA (Quick Breath Analyzer) is a NON-INVASIVE RAPID TEST:

- Measuring particles of a specific size out of a breath sample - released after shouting or singing, coming from the tested person, who is in the QuBA cabin.
- Released after shouting or singing, coming from the tested person, who is in the QuBA cabin.
- QuBA®) is a test cabin, equipped with a measurement system that detects whether someone is able to pass on the **COVID-19 virus** – or any other airborne virus – to the next host.



# COMPETITIVE ANALYSIS

- **Antigen Quick Test Kits – Can be quick, Semi Accurate, Can be expensive, False Positives are common**
- **Antibody Quick Test Kits – Irrelevant to Covid19/SARS2**
- **PCR Sample Collection Test Kits – Very Common, Practical, More Accurate than Antigen Tests, Slow Delivery, Expensive**
- **Hyposmia Test Kits – Not very well known, Accurate, Poor Awareness, Algorithms drive high Accuracy**
- **Anosmia Test Kits – Not very well known, Accurate, Poor Awareness, usually used only as a screening test**

# THE PRODUCT – QUBA USA

- The exhaled air is captured, transferred to a buffer space and transported to a dryer to remove the moisture parts from the aerosols. The remaining air – with only virus particles – goes through the measuring device.
- The measuring device reports the distribution of particles: amounts and diameters (nm).
- Based on the unique diameter of viruses, a conclusion is drawn.
- **A negative result means** a person is not contaminated or contaminated  $\leq 1,5$  days ago – and therefore not contagious within the next 24 hours. This is because the specific illness curve of the COVID-19 virus.
- **A positive result means** the person is contagious and should go into quarantine.



# COMPETITIVE ADVANTAGE

## NO FALSE POSITIVES

Testing possible  $\geq 1,5$  day of a contamination, i.e. from the moment the person is contagious. No distortions of test results by other particles. Or by alcohol.

## NO FALSE NEGATIVES

Reports if a person is contagious instead of contaminated: only a positive test result if the person is able to spread a virus.

## QUICK RESULTS

The full procedure - from entering the cabin to the test results - takes only 2 minutes (up to two adults plus two children per test run)

## NON-INVASIVE & SAFE

No physical examination means a higher test-willingness. The cabin is safe: even cleaner than an ultramodern operating room.

## COMPREHENSIVE & EXTENSIBLE

The test detects and distinguishes a wide range of viruses in detail. The QuBA ® can also be extended to detect other viruses in the future.

## ENVIRONMENTALLY FRIENDLY & SUSTAINABLE

The test does not generate any waste materials or garbage. The cabin and all components are built very stable and sustainable.

## ACCESSIBLE

Wheelchair friendly

## COST-EFFECTIVE

A quick return of investment (ROI): almost no additional costs per test

# PRODUCT METHODOLOGY

**Subject enter to the testing cabin**

The cabin is completely cleaned (by air Cirquair and UV light)

There are zero particles in the air:

- The air is sucked away, and clean air is added to the cabin (When particles are attached to pollution particles, they are not recognizable anymore)
- TSI measuring equipment verifies if the air is 100% clean. The UV light goes out.

**Subject required shouting**

The people shout or sing for 10 sec.

- During shouting, tens of thousands of particles are secreted.
- The exhaled air is captured and comprehensively analyzed.

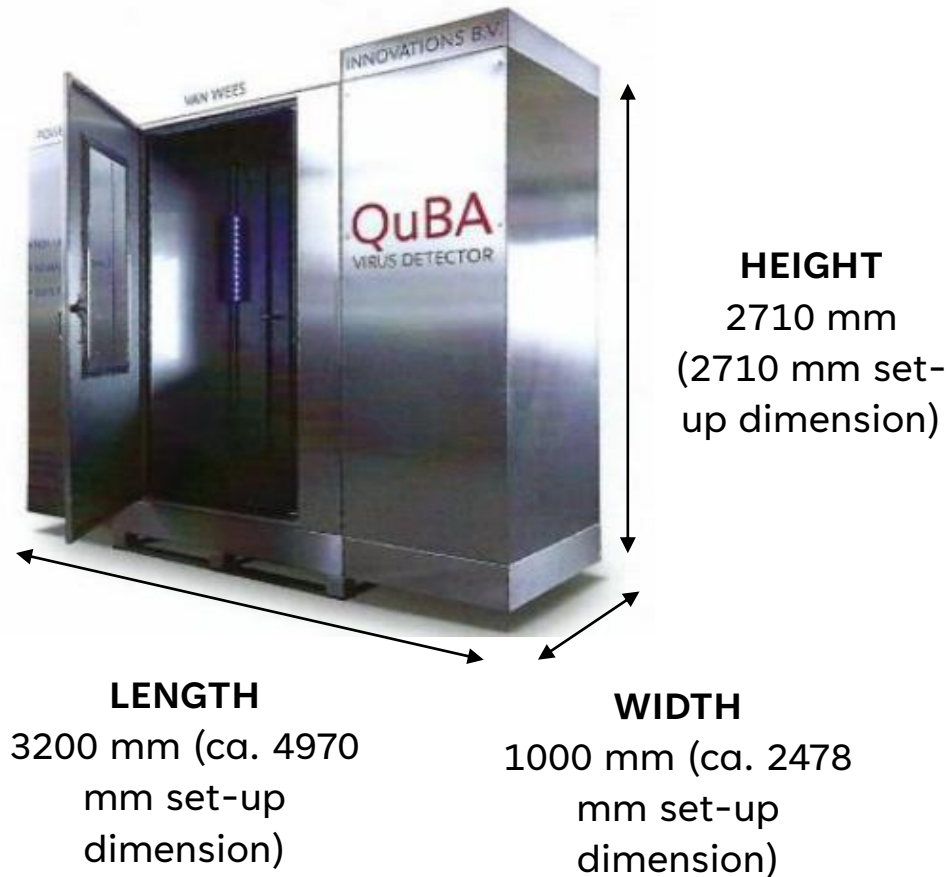
**Computerize analysis & result**

The device accurately measures the diameters and numbers of all particles that were expelled.

Resulting in a positive or negative result, reflecting if a person is contagious now and in the next 24 hours, or not.



# TECHNICAL SPECIFICATIONS



- **WEIGHT:** ca. 1800 kg
- **NOMINAL VOLTAGE:** 400V / 3/N/PE
- **POWER CONSUMPTION:** 9 kW
- **EQUIPMENT:** Mobile ramp for wheelchair users (small version)
- **OPTIONS:** Large ramp for stationary use. Dimensions: L=1980 mm; B=1200 mm
- **WORKSTATION:** Roll container. Including consumables starter kit

# BUSINESS MODEL USE CASES

**LEASE TO HOST COMPANY**

**NEAR FREE TO HOST  
END USERS PAY**

**LEASE SITES AND  
CHARGE END USERS**

## SELL OR LEASE UNITS TO CLIENTS

PROVIDE PRODUCTS TO EVENT SITES SUCH AS CONCERT HALLS, SPORTS ARENAS, CONVENTION CENTERS, RELIGION CENTERS, BUSINESS TOWERS AND OTHER CONGREGATION CENTERS.

HOST PROVIDES THE UNIT(S) AS A PART OF THEIR SECURITY AND SAFETY PROTECTION AND PREVENTION EFFORTS.

## PROVIDE HYBRID PAYBACK MODE

CLIENTS PAY FOR UPFRONT FEES, DUTIES, TRANSPORT AND LOGISTICS COSTS AND INSTALLATION COSTS

CLIENTS REVENUE SHARE WITH QUBA USA THOSE FEES AND COSTS CHARGED TO END USERS PASSING THROUGH THE BREATH ANALYZER BY QUBA USA. USER FEES SET JOINTLY.

## COMPANY SPONSOR UNITS

QUBA USA LEASES UNITS AND WORKS WITH SITE OWNERS FOR SITE PLACEMENT OF UNITS, SUCH AS TEMPORARY EVENTS LIKE POLITICAL SPEECHES, CONCERTS, CONVENTION HALLS, ETC.

QUBA USA PAYS ALL SETUP FEES AND COSTS BUT RETAINS 100% OF END USER PAYMENTS.

# FINANCIAL PROJECTIONS

- **REVENUE YEAR ONE**
- **REVENUE YEAR TWO**
- **REVENUE YEAR THREE**
- **EBITDA YEAR ONE**
- **EBITDA YEAR ONE**
- **EBITDA YEAR THREE**
- **ROI FOR ALL YEARS**
- **ESTIMATED ASSET VALUE POST MONEY**



# THE ASK & USE OF FUNDS

## THE ASK

- **\$1,000,000**
- **Minimum Investment is \$100,000 USD**



## USE OF FUNDS

- **Purchase of one unit for purpose of FDA Compliance Testing**
- **FDA Registration and Approval Certification**
- **Brand Marketing**
- **Sales Channel Growth**
- **Partnership Development**
- **R&D Support**

\*\* Investment is collateralized partially by Unit Sale and Contracts with Manufacturer

\*\*\* Investment Activity follows SEC Reg D, Rule 506 (x), subject to FINRA oversight



# THANK YOU

Please contact with any questions or comments

- Ron Polli (Partner and Head of Program)
- Tom Wilson (Advisor – Investment Lead)