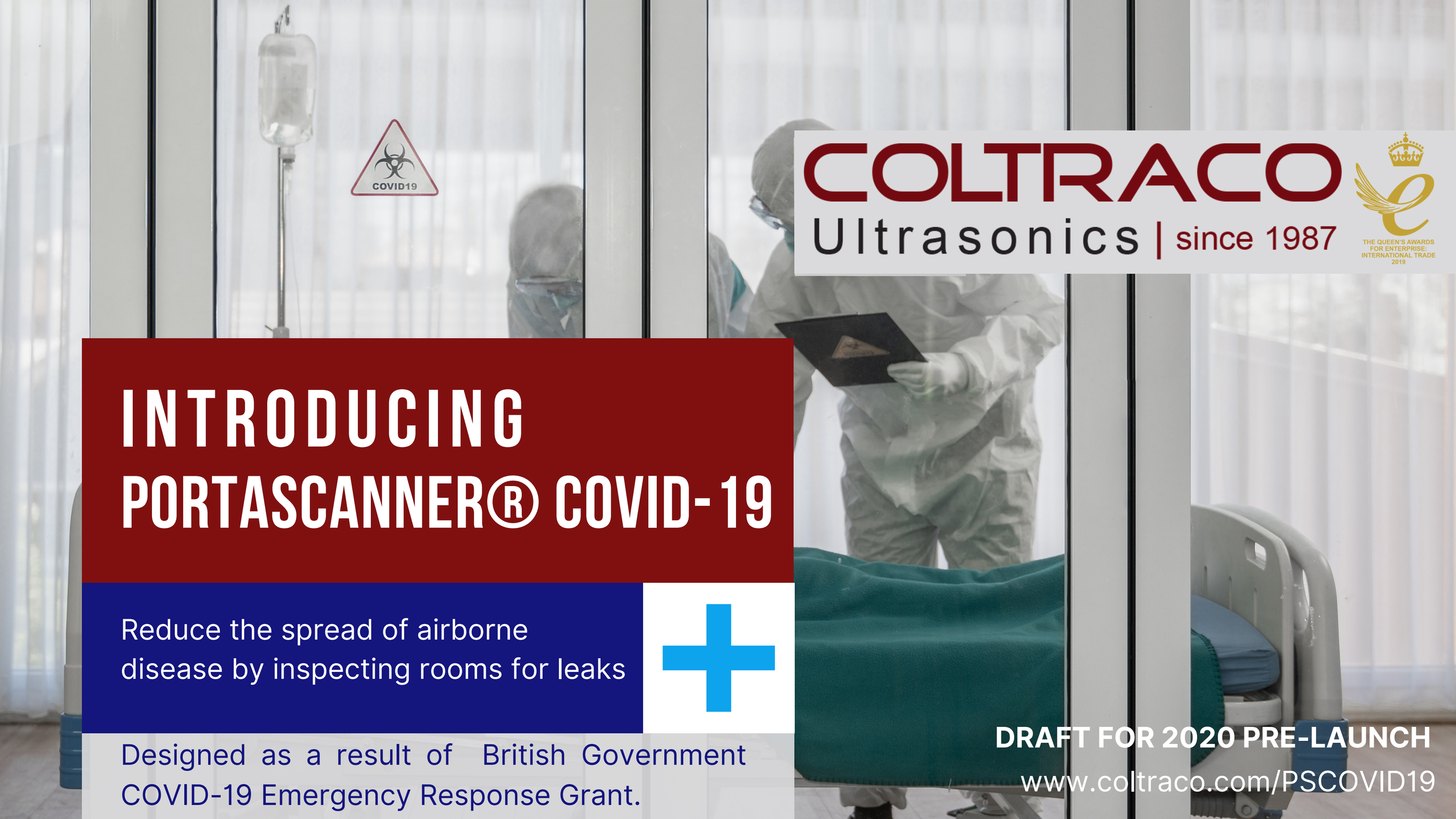


COLTRACO
Ultrasonics | since 1987

THE QUEEN'S AWARDS FOR ENTERPRISE: INTERNATIONAL TRADE 2019

INTRODUCING PORTASCANNER® COVID-19

Reduce the spread of airborne disease by inspecting rooms for leaks

Designed as a result of British Government COVID-19 Emergency Response Grant.

DRAFT FOR 2020 PRE-LAUNCH

www.coltraco.com/PSCOVID19

COVID-19 PROTECTION

Hospital ICU wards rely on negative-pressurisation to reduce the spread of airborne infectious diseases and other contaminants like fungi, pollen & chemicals.



01

Adequate ventilation requires a minimum of airtightness.

02

Without this, “patch and hope” measures are often used i.e. taping obvious areas of leakage (pictured).

03

Current existing methods are disruptive and costly and do not allow operators to identify specific areas of leakage.



USE PORTASCANNER® TO HELP STOP COVID-19 SPREAD

For use in Healthcare: Hospital ICU Wards, Dental Surgeries, Clinics & Industry: HVAC areas, Isolation Areas, Quarantine Areas, Corridors e.g. shipping, offshore, cruise lines, and more

- Portascanner® COVID-19 locates leaks in hospital wards,
- quantifies the leaks in regard to their cross-sectional area and
- calculates the air flow rate through them.
- This generates an air permeability value for an entire ICU Ward which the user can compare against the required value for negative pressurisation.

www.coltraco.com/PSCOVID19

SOLUTION

Choose Portascanner® COVID-19 to know where leaks are and their significance to take remedial measures quickly.

Existing methods require having to seal every opening in the room which is time-consuming, disruptive and cumbersome.



MEASUREABLE

Improve efficiency and quality of airtight room maintenance – locate leaks and accurately find the leak site size. **SOLUTION: seal the leaks that matter.**

EVIDENCE BASED

Record leaks by area and flow rate and including photographs within the test report, all in one hand-held instrument. **SOLUTION: Provide evidence of your maintenance programme.**

SAVES TIME

Be confident that the room/ward is appropriate prior to the installation of FPE (Fan Pressurisation Equipment). **SOLUTION: save time and resource and significantly reduce the risk of installing FPE in an unsuitable room.**

www.coltraco.com/PSCOVID19

PORTASCANNER® COVID-19 KEY FEATURES

Portascanner® COVID-19 identifies and quantifies leaks sites for pressurised rooms, without needing the room to be pressurised beforehand. It is a non-disruptive method assess adequate airtightness.

Comply with healthcare standards by providing size of leak (cross-sectional area) and air flow-rate through it, relating each leak to air permeability requirements.



INTUITIVE TABLET

Portable 7” hand-held tablet. Easy to use by hospital personnel or third party maintenance teams.



DUAL FUNCTION

Choose ‘quick test’ (for quickly locating leaks) or ‘full test’ (for quantifying them).



POWER SETTINGS

Choose power settings for accurate testing regardless of size & shape of the room.



RECORDS DATA

Easily transfer leak site results and photos via USB.



FILTER RECORDS

by date or location.



MAINTENANCE TOOL

This is for maintenance not a medical so does not require medical certification.

BENEFITS

IMPROVE COVID-19 SAFETY: PROTECT STAFF, SAVE LIVES.

ACCURATE

Determine air leakage rates through walls, doors, seals.

RESULTS-BASED

Calculate number of leaks, leak area and total air flow rate/permeability rate.

EASY TO USE

Quicker and less troublesome than existing “patch and hope” method.

SAVE TIME & MONEY

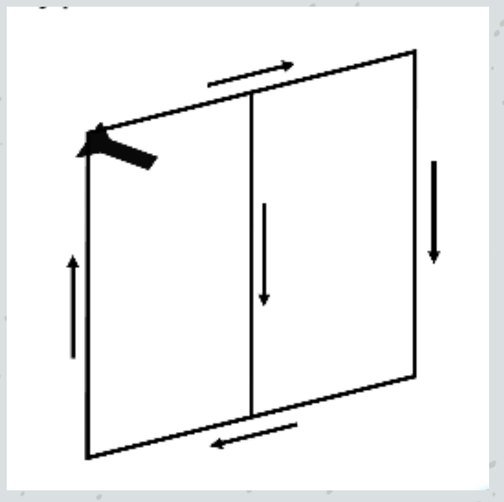
Save value, time and cost and thus improve safety.

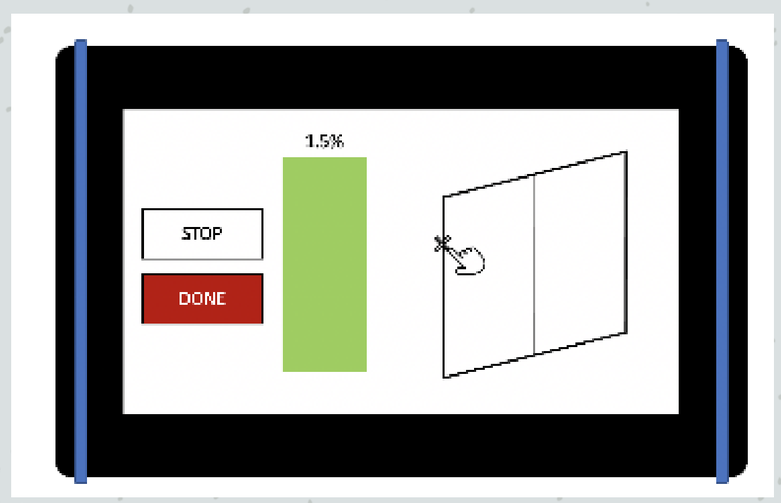
HOW TO USE

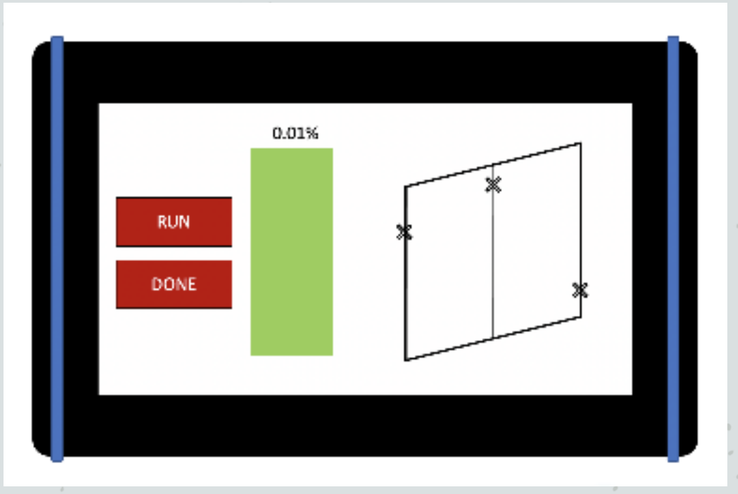
1. Place the generator inside the room to be tested. Close the door.

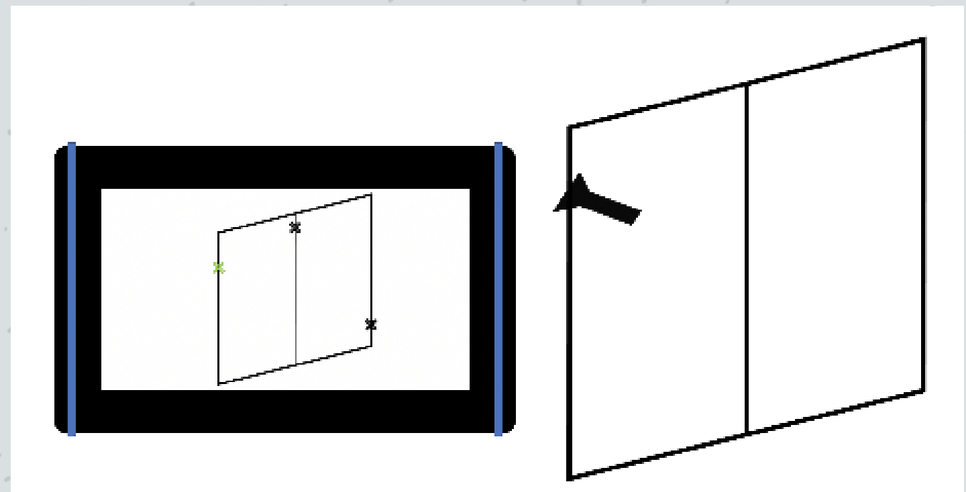
2. On the other side use the receiver and move the sensor around the seal. Leak sites will be highlighted.

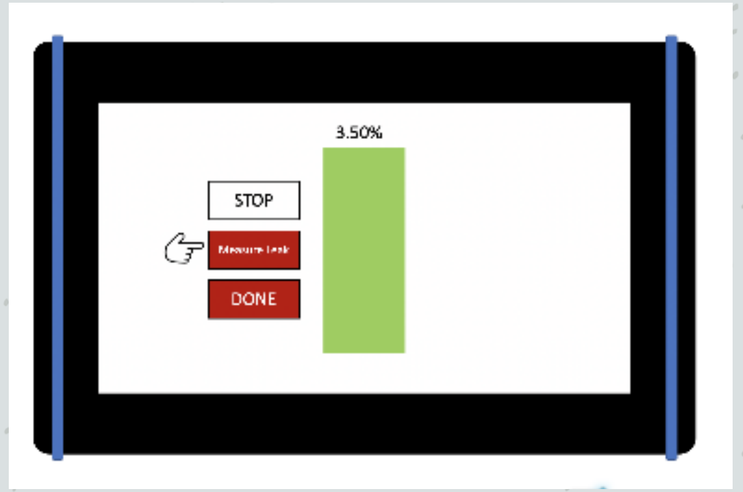
3. Tap on image to save results.



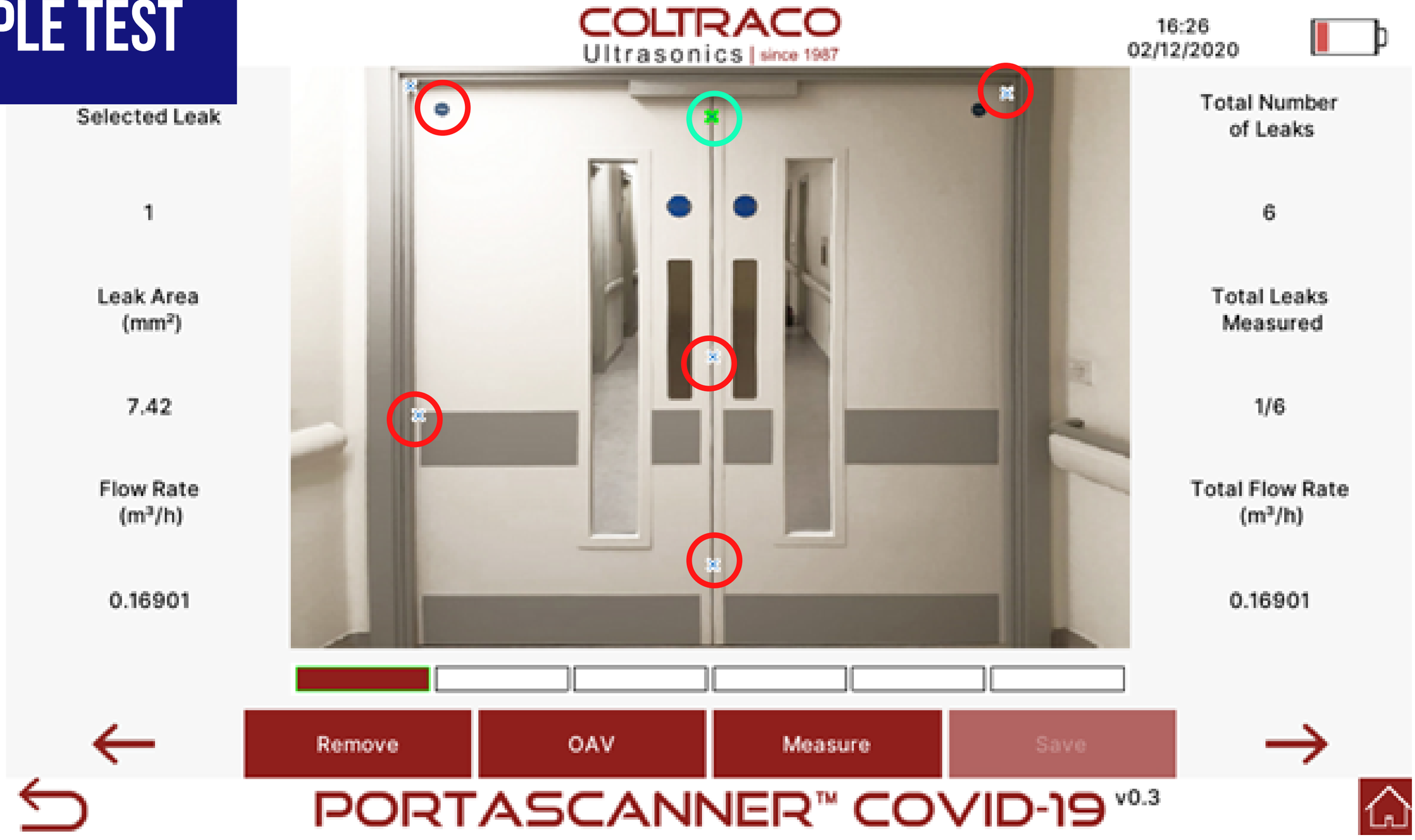








EXAMPLE TEST





SOLVE YOUR AIR PERMEABILITY NOW

For healthcare settings like hospitals and dental practices and also for all isolation rooms. Get in touch with us to learn how we can help reduce the risk of COVID-19 by inspecting wards/laboratories/clean rooms/isolation rooms for air permeability.

Call +44 207 629 8475
Email sales@coltraco.co.uk
www.coltraco.com/PSCOVID19
Made by Coltraco Ultrasonics in the UK

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