

# Strong Tailwind for Your Research



**VITROCELL®**  
**V-PACE Service**

Pay-Per-Use  
Exposure Systems

**VITROCELL®**  
S Y S T E M S

## VITROCELL® V-PACE

### Pay-Per-Use Exposure Systems: A New Course for Your Investments

#### From Ownership to Outcomes.

In the fast-evolving world of inhalation science, the only constant is change. Traditional procurement models - heavy on capital expenditure and long-term depreciation - often act as anchors rather than sails.

V-PACE is our answer to the modern researcher's need for agility. By transforming high-end technology into a flexible, usage-based service, we remove many of the financial and administrative hurdles that slow down breakthroughs. With V-PACE, you don't just get a machine; you get a shortcut to data.

Accelerate your aerosol exposure research with V-PACE. Skip the CAPEX, the long lead times, and the risk of idle capacity. Unlock the possibilities of Vitrocell Systems' Exposure Technology exactly when you need them, backed by expert remote support. Start fast, scale confidently, and keep your budget predictable.

Set the pace of discovery – on your terms.



#### Synced with Your Scientific Lifecycle

Instead of high upfront investment, we convert your acquisition costs into predictable operating expenses.

- **Preserve Your Capital:** Keep your liquidity available for core research activities.
- **Precise Budgeting:** Fixed monthly rates instead of unforeseen cost spikes.
- **Adaptive System:** During lower activity phases, your costs decrease accordingly – protecting your cash flow.

#### Open Waters for Innovation.

##### Example Cloud Alpha 12

Monthly Rate*	Duration
4.150,- €	3 Months
3.290,- €	24 Months

\*excl. VAT

#### Including:

- sQCM technology
- Installation and training
- V-CARE Gold priority support

Flexible terms range from 3 to 24 months. Contact us for a personal offer tailored to your project.



## Safe Haven for Your Research Projects.

V-PACE creates a stable operating framework for time-critical studies. With predictable monthly costs and included service, you reduce procurement efforts. So your team can focus on project timelines and data generation.



### 1. Financial Freedom & Liquidity

Why tie up your capital in hardware that depreciates? V-PACE converts acquisition costs into predictable operating expenses (OPEX).

- **Preserve Your Capital:** Keep your liquidity for what matters most: your people and your core research.
- **Adaptive Costs:** Your billing reflects your activity. During lower-intensity phases, your costs decrease, protecting your cash flow.

### 2. Maximum Productivity: The “Peace of Mind” Package

Maintenance and downtime shouldn't be your problem. We guarantee the operational readiness of your technology.

- **Service Included:** Calibration, maintenance, and V-CARE priority support are part of the bundle.
- **Audit-ready Compliance:** With documented maintenance and IQ/OQ/PM documentation, you are always prepared for regulatory scrutiny.

### Four Anchor Points of Our V-PACE Customer Service Concept.



Everything from a single source: A solid foundation for minimal friction.

### 3. Agility Through Scalability

Your research hypotheses change, and your equipment should too.

- **Scale on Demand:** Easily expand your equipment fleet for peak workloads or temporary trials without the burden of long-term ownership.
- **Future-Proofing:** Always work with the latest generation of Vitrocell technology, eliminating the risk of technical obsolescence.

### 4. Efficiency in Focus (TCO & Effort)

We reduce the administrative burden in your daily lab routine.

- **One-stop Solution:** One partner, one contract, one invoice. No need to manage separate vendors for procurement, maintenance, and consumables.
- **Reduced Total Cost of Ownership (TCO):** By avoiding unplanned downtime and streamlining processes, this service model is often more economical than a traditional purchase.

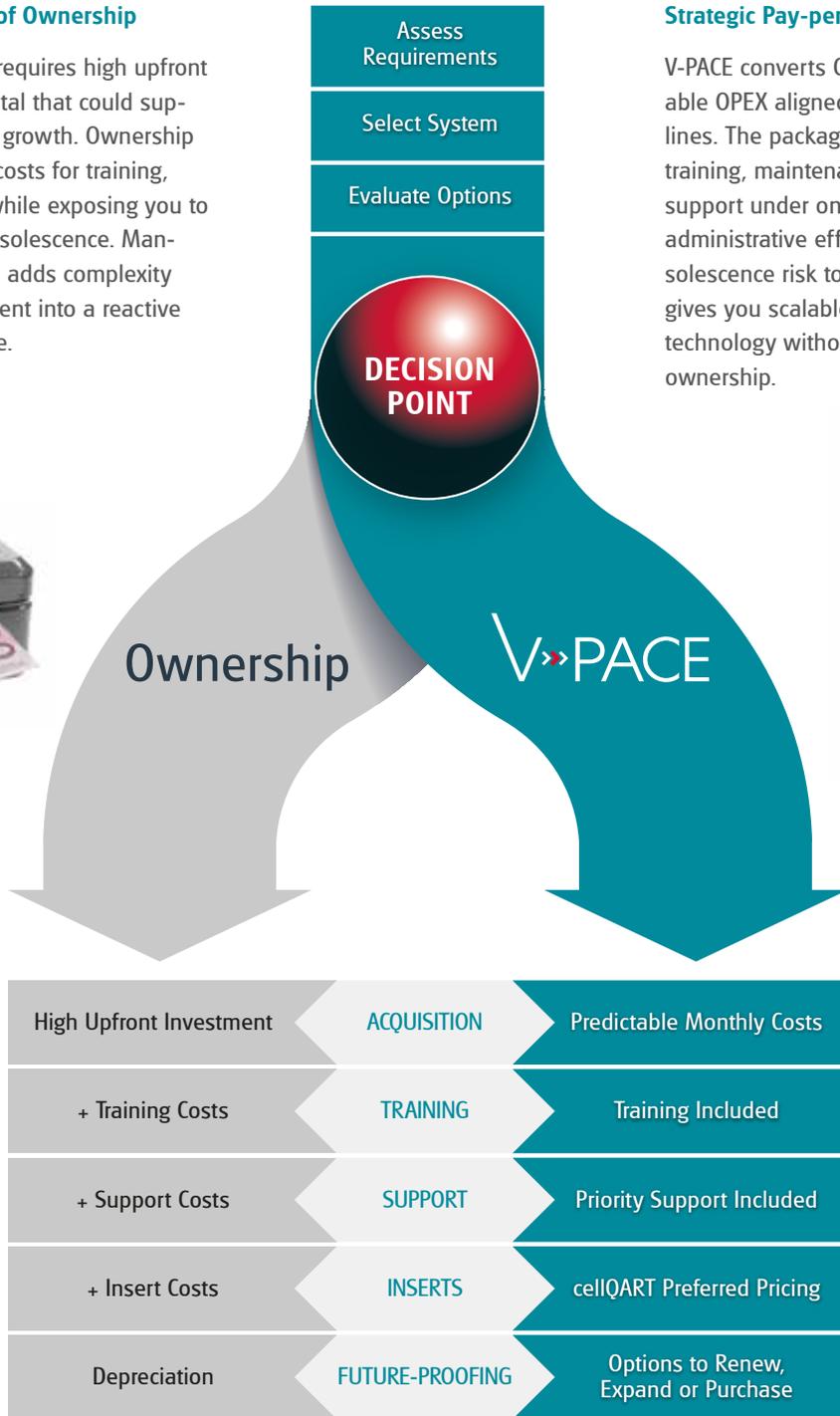
# Make a Smart Decision for a Safer Route in Your Research

## The Financial Impact of Ownership

Traditional purchasing requires high upfront CAPEX and ties up capital that could support core research and growth. Ownership also brings additional costs for training, support, and inserts, while exposing you to the risk of technical obsolescence. Managing multiple vendors adds complexity and can turn procurement into a reactive process as systems age.



A purchase ties up a considerable amount of capital.



## New Horizons: Precision Engineering Meets Cell Biology

We connect precision exposure engineering with cell biology at the Air/Liquid Interface. By exposing cells directly to aerosols and gases, you can generate physiologically relevant data within an controlled and reproducible workflow.



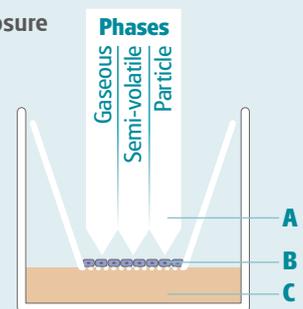
### The ALI Advantage

At the heart of V-PACE is our world-leading Air/Liquid Interface (ALI) technology. Traditional submerged exposure often fails to replicate human physiology accurately. Our systems allow for direct contact between cells and airborne substances, ensuring:

- **Authentic Analysis:** No interaction of constituents with culture media.
- **High Sensitivity:** Accurate characterization of gases, nanoparticles, and complex mixtures.

### Air/Liquid Interface Exposure

- A** Direct and controlled exposure of test atmosphere to cells
- B** Cells on membrane
- C** Media below cells



### Expert Support: Virtual Presence, Real Impact

We believe that high-tech equipment requires high-touch support. V-PACE includes our advanced V-CARE Remote Service.

- **Remote Setup:** Get your system running quickly with expert guidance.
- **HoloLens Support:** Our experts can provide real-time, visual instructions via Augmented Reality, directly into your lab environment to guide you through setup or troubleshooting.
- **Priority Access:** V-PACE customers receive the fastest response times via our dedicated ticket system. Unplanned downtime and streamlining processes, this service model is often more economical than a traditional purchase.



## About VITROCELL®

**VITROCELL® exclusively concentrates on the developing, producing, installing, training and servicing of advanced *in vitro* exposure systems.**

The VITROCELL® Systems' team is driven by their vision for new in-vitro standards through state-of-the-art technology, highly qualified workmanship and absolute client dedication. VITROCELL® has successfully collaborated with clients from leading research institutes, contract research organizations, regulatory authorities or industrial laboratories across the world. Working with our team experts, all modules have been tailored to create durable and complete turnkey-systems for *in vitro* inhalation toxicology. Gases, environmental atmospheres, nano particles and complex mixtures are analyzed on lung cells at the air/liquid interface using these systems. VITROCELL® technologies are also applicable to solutions for skin research.

Over a decade of devotion to research in this specific field has given our team of design & precision manufacturing specialists the opportunity to mentor highly diversified and complex projects from conception to completion. We strive to become a constructive member of each research team, providing support when it is needed, advice when it is required and modules of the highest quality, which are even polished by hand before leaving here to be integrated into your workspace. Every piece of our German engineered equipment is manufactured to the highest of standards – yours.

For more information please scan:



**VITROCELL® Systems GmbH**  
Fabrik Sonntag 3  
79183 Waldkirch  
Germany

Tel. +49 7681 497 79-50  
Fax +49 7681 497 79-79  
Email: [info@vitrocell.com](mailto:info@vitrocell.com)  
[www.vitrocell.com](http://www.vitrocell.com)

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