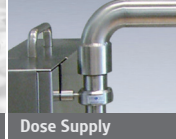


# Advanced in vitro exposure systems

VITROCELL® VRBG Generator





## VITROCELL® VRBG Generator

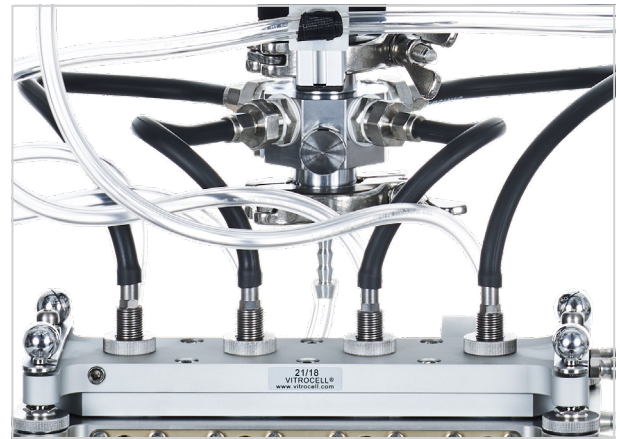
**For the generation of polydisperse solid aerosols from bulk powder material**



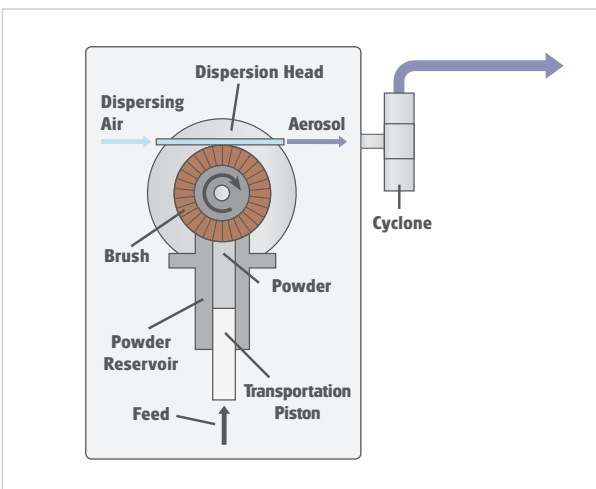
VRBG with cyclone

This VITROCELL® aerosol generator has been specifically designed and engineered for the constant, continuous and reproducible generation of polydisperse solid aerosols from bulk powder material.

The VRBG Generator can be connected to the HD Distribution System for the uniform transport of the aerosol to the exposure chambers



VRBG Generator connected to HD Distribution System



## Features

- Dispersion of non-cohesive powders and dusts
- Particle sizes < 0.1 micron to 100 micron
- Optional cyclone for particle sizes < 5 micron
- Very constant output
- Good reproducibility
- Variable mass flow
- HD Distribution System designed for VITROCELL® modules

## 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 the QR-Code:



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)

