

## AntiVirus® DisinfectionGate

Germicidal lamps against viruses and bacteria



### UV-C disinfection

Third party test report according  
to EN17272

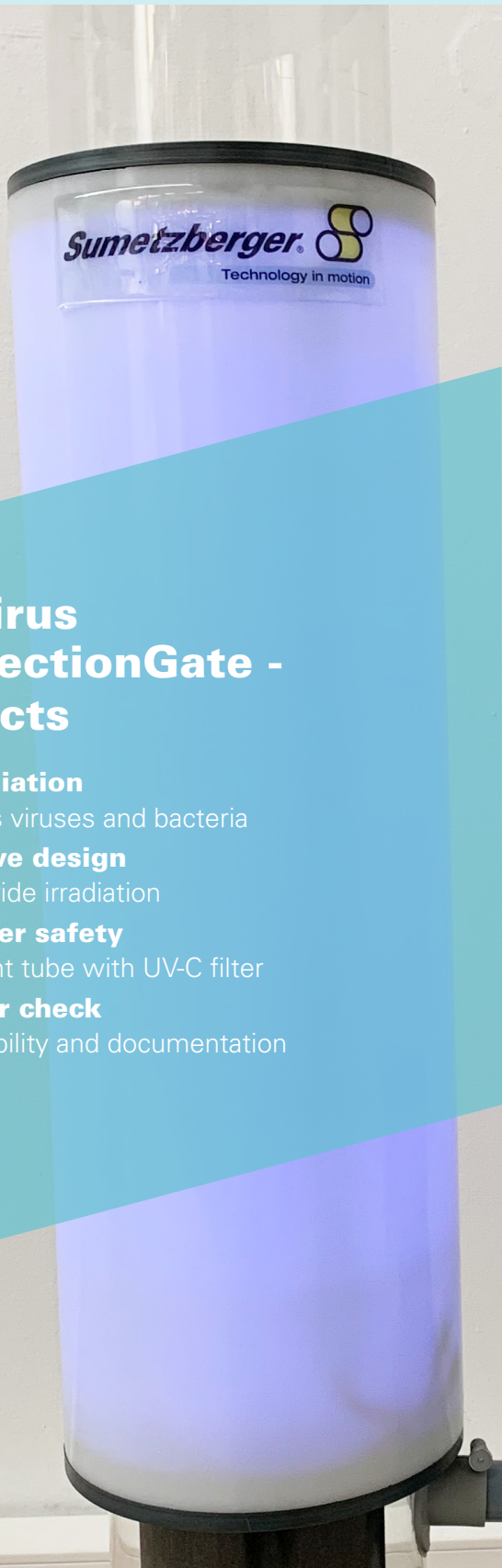
### AntiVirus DisinfectionGate - key facts

- **UV-C radiation**  
Inactivates viruses and bacteria
- **Innovative design**  
For area-wide irradiation
- **100% user safety**  
Transparent tube with UV-C filter
- **ID carrier check**  
For traceability and documentation

### Authorised laboratory third party test report

**EN17272**

Testing of antibacterial and antiviral efficiency for  
the human medical field



Category	AntiVirus system
Product	AntiVirus DisinfectionGate
Method of construction	Clean and disinfect via UV-C radiation
System tube diameter	NW160 mm / 6 " NW110 mm / 4 "
Dimensions	1.126 x Ø 225 mm
Operation	Fully automated
Security features	Area-wide radiation
Further components of AntiVirus System	AntiVirus carrier, AntiVirus tube, AntiVirus filter, AntiVirus DisinfectionControl, AntiVirus DisinfectionCarrier

## Easy installation without structural changes

The worldwide first AntiVirus DisinfectionGate from Sumetzberger can be quickly and easily integrated into existing systems - **without any additional stations or lines**.

The unique innovative design of the gate additionally enables free-floating UV-C all-round radiation. This means that no area of the carrier remains untreated. Thanks to the intelligent AntiVirus DisinfectionControl software, both disinfection time and interval are freely selectable.

## Germicidal lamps Safety for employees and sample transport

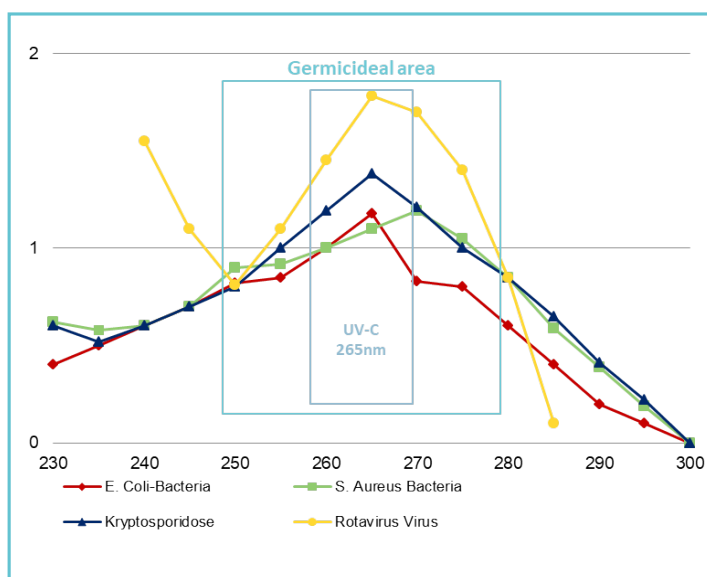
Sumetzberger has developed special safety barriers to protect both users and sensitive goods being transported. Special protective measures ensure that carriers with sensitive goods are only disinfected after successful unloading. Thanks to the integrated ID carrier check, all irradiation processes are displayed in real time and are fully documented. In order to protect employees from harmful UV-C radiation, Sumetzberger only uses translucent tube material with integrated UV-C filter.

## Safely connected The innovative holistic disinfection solution

The innovative hygiene system from Sumetzberger is the first complete Disinfection and AntiVirus solution worldwide for pneumatic tube systems. With the Disinfection and AntiVirus products from Sumetzberger, a high safety of hospital staff reaches a new level and guarantees their operational readiness in normal operation and times of crisis.



## What is ultraviolet (UV) light?



UV light is a reliable, well-studied antimicrobial technology. It works primarily by destroying the DNA inside bacteria, viruses and fungi. The high-energy portion of the UV spectrum called UV-C is most effective. UV-C light has been used for decades to disinfect industrial surfaces and sanitize drinking water.

UV-C radiation kills or inactivates microbes by damaging their deoxyribonucleic acid (DNA).

UV is a chemical-free disinfection process that adds nothing to the surrounding except UV light.

UV requires no transportation, storage or handling of toxic or corrosive chemicals – a safety benefit for plant operators and the surrounding community.

UV is highly effective at inactivating a broad range of microorganisms.