

Smart Equipment

SMS-
mechanical
seal with
sensor
technology



Evaporation
Technology



Drying
Technology



High Viscosity
Technology

sms-vt.com

SMS
Inside
Excellence

Smart equipment for demanding applications



With over 100 years of thermal separation technology expertise and over 7,000 devices sold, Buss-SMS-Canzler specialises in tackling demanding thermal separation tasks.

Our solutions are characterised by a relentless pursuit of excellence and innovation, offering versatility in orientation, shape and specialised rotor designs.

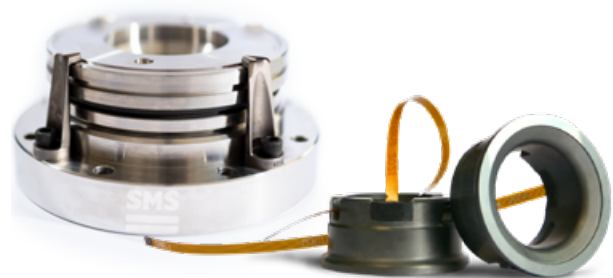
Smart technology, proven performance

Our mechanical seal is more than just a component – it's a solution: In vacuum-operated processes like thin film evaporation or drying, sealing the rotor shaft with a mechanical seal is essential to prevent air intake. Monitoring offers vital data for predictive maintenance, enabling quick decisions.

- ✓ Innovative materials for highest demands
- ✓ 24/7 monitoring
- ✓ State-of-the-art sensor technology by best sens
- ✓ Uninterrupted operations
- ✓ No costly downtime
- ✓ Simple and cost-efficient maintenance
- ✓ Sustainability: conversion to enhanced equipment
- ✓ Also suitable for existing equipment



IT or cloud infrastructure for condition monitoring



METAX-high performance sealing technology

Predictive maintenance – intelligent analysis

- ✓ Industry ready
- ✓ Suitable for ATEX applications
- ✓ Electronic evaluation hardware included
- ✓ Intuitive UI
- ✓ Histories and trend analyses

» As the world leader in thin film evaporation technology, we have crafted a mechanical seal that redefines reliability in industrial applications. «



INFO

<https://www.sms-vt.com/company/expertise/sms-seal>

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