

SUNOX100-Process

Oil and grease-free products for applications with 100% oxygen

Gaseous oxygen is a strong oxidizing agent and, under unfavorable conditions, can cause carbons such as oils, greases and particles to self-ignite.

To avoid such undesirable reactions in plant components, the SUN-Control-Analytik offers a coordinated cleaning process for the surfaces in contact with the media (option).

After the **SUNOX100-Process** the surfaces in contact with the media are free of residues:

- Grease

- OIL

- Silicone

- Particles

In accordance with the ASTM G93 Level B standard, TOC values of < 33 mg/m² are recorded. In addition, the products are rinsed with pure oxygen for 24 h (oxygenation).

Using the **SUNOX100-Process** the following operations are performed:

-Assembly:

Assembly of the products on a clean work surface in the direct vicinity of the cleaning system

-Inspection:

Optical quality control by trained personnel

-Oxygenation:

Preconditioning of the cleaned products by flushing for 24 h with pure oxygen

-Packaging:

Sealing of the tested products in airtight industrial plastic bags

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