

GEA VISIOCOVER®

Patented transparent sanitary cover for direct
visual inspection



MONITOR POWDER FLOW, FLUIDIZATION AND CLEANING

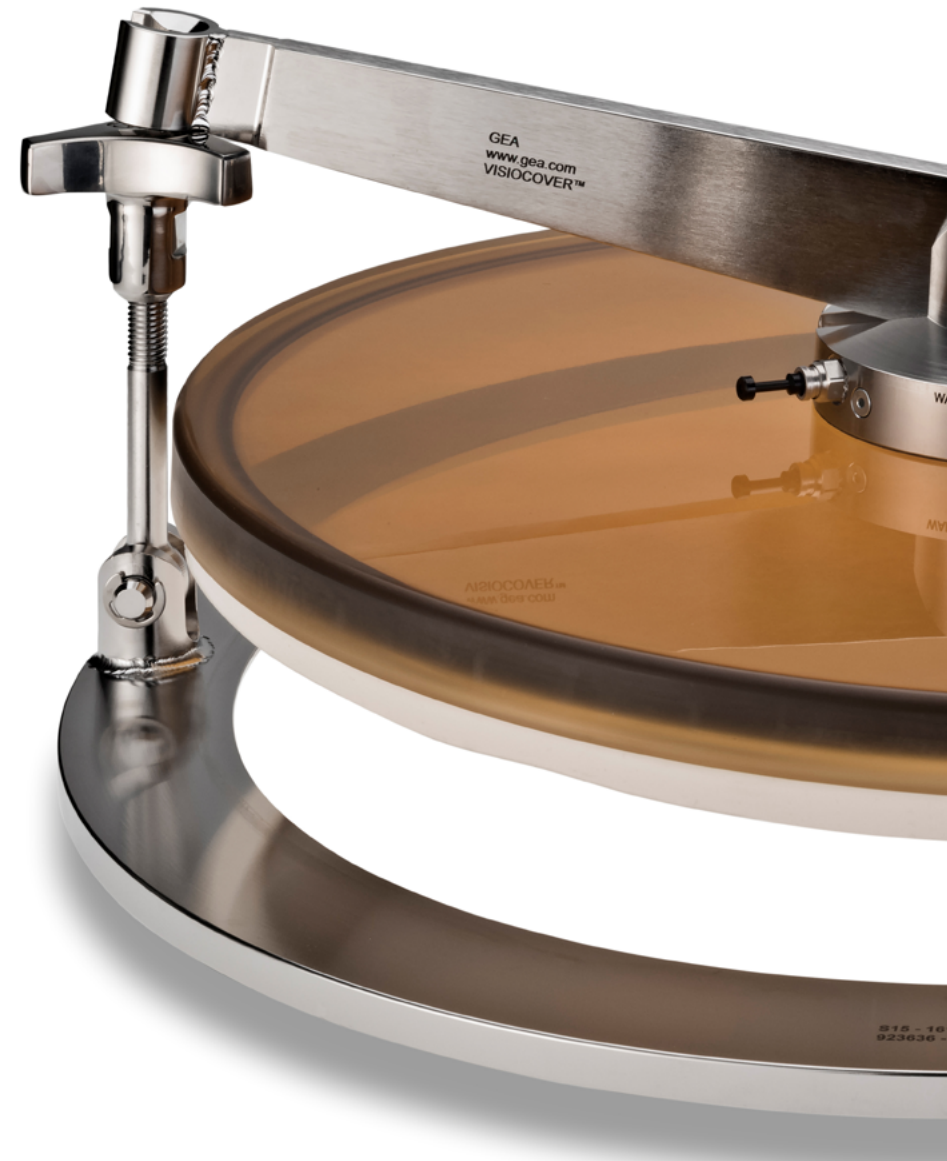
VISIOCOVER® (patented) is a large transparent cover based on the proven hygienic design of SANICOVER®.

Direct inspection

The large transparent cover allows for an unimpeded view of the process.

Easy to install diagnostic tool

A modern spray dryer has about 40-60 cleaning covers. The VISIOCOVER® can replace a standard SANICOVER® within minutes thereby assisting in root cause clarification and identification of preventive actions.



SANITARY COVER FOR VISUAL INSPECTION



Sanitary and safe operation

Traditional covers have high collars, many handles and are often difficult to clean properly. The VISIOCOVER® has a sanitary design completely flush with the flanges on the process side. It is easy to disassemble.

Application

The VISIOCOVER® can be used in process equipment with non-sticky powders. Relevant locations on a spray drying plant include the static fluid bed, VIBRO-FLUIDIZER®, cyclones, bag filters and ducts.

Advantages

- Transparent cover
- Sanitary design based on EHEDG guidelines
- Less manual handling, cleaning and maintenance
- Very easy to replace SANICOVER®

Specification

- Max. temperature cover: 120 °C / 248 °F
- Pressure shock resistant at 0.6 bar
- Food grade plastic material
- For installation in Atex Zone 22 (non-process side)
- 3 different sizes: 200, 350 and 450 mm.

EQUIPMENT AND FUNCTIONALITIES

Ordering

VISIOCOVER® is available in three standard sizes.

Model	Part number
200 mm VISIOCOVER®	1074715-0001
350 mm VISIOCOVER®	1159185-0001
450 mm VISIOCOVER®	1159182-0001

Please note:

The VISIOCOVER® is made of food grade plastic material in a light amber color and will slowly whiten over time when subjected to alkaline solutions. If this is to be avoided, VISIOCOVER® is recommended to be removed prior to CIP cleaning.

Warning:

The VISIOCOVER® is designed to exclude propagating brush discharges caused by static charge, however to avoid any risk: The VISIOCOVER® should not be installed where powder is travelling with a velocity above 10-20 m/s.

Suppression systems are widely used in spray drying plants. The sensors are normally either pressure or light sensitive. To avoid erroneous activation of a suppressions system: The VISIOCOVER® should not be installed in equipment with suppression systems triggered by optical sensors.

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