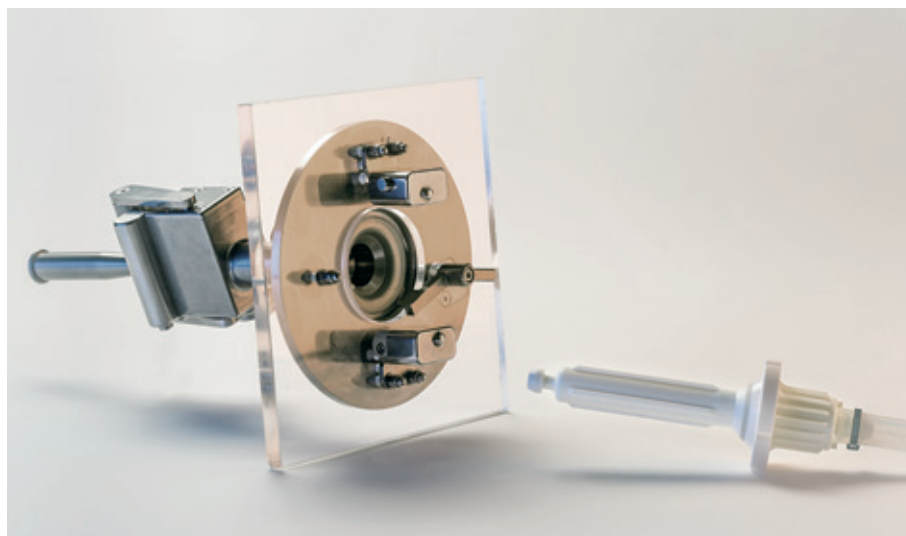




# SART System™

Sartorius Stedim Biotech Aseptic Rapid Transfer System



## Technical Specification

### External Port

|                                 |                      |
|---------------------------------|----------------------|
| Port Material:                  | Stainless Steel 316L |
| Sealing Material:               | Silicone             |
| Thickness requirement for wall: | 8 mm                 |

### Internal Port

|           |                      |
|-----------|----------------------|
| Material: | Stainless Steel 316L |
|-----------|----------------------|

### Gammasart ATD™ Connector

|                           |                          |
|---------------------------|--------------------------|
| Connector Body Material:  | PBT Celanex Grade 2404MT |
| Overmolded Seal Material: | Santoprene Grade 281-64  |

### Description

The SART System™ is designed to allow aseptic liquid transfer between two areas with different containment classifications. The SART System™ consists of an external port, an internal port and a disposable connection device – Gammasart ATD™ –

### Operating Principle

Applying RTP technology at the port as well as the disposable connector the SART system™ utilizes a well established and accepted aseptic connection technology. The principle of the connection is based on the alpha-beta concept using 4 V-shaped profiles matching exactly at the tip. The small size allows accurate matching of the V-shaped profiles.

### Applications

The SART System™ has been developed to facilitate an aseptic transfer from:

- a clean room into a protected environment (Isolator, Restricted Access Barrier System|RABS).
- a lower classified clean room or even corridor into a class A/ISO 5 clean room

The disposable Gammasart ATD™ connector may be sterilized by autoclave or gamma irradiation, enabling use for either traditional vessels or fully disposable fluid handling technologies.

### Flexibility

The disposable Gammasart ATD™ connector may be opened and re-used up to five times. Multiple transfers of different volumes can be processed without the need of re-sterilization. In the event of a stoppage on a filling line, the Gammasart ATD™ connector allows that the bulk can be safely removed from the line, stored and re-connected later.

### Safety

The port is equipped with mechanical interlock systems that prevent an accidental opening of the port in without the Gammasart ATD™ connector in place and accidental release of the outer part of the connector. The Gammasart ATD™ connector is 100% air leak tested as a condition of lot release.

### Qualification

The SART System™ and the Gammasart ATD™ connector have been extensively qualified for use in critical applications within biopharmaceutical manufacturing processes. A validation guide is available.

## Ordering Information

| Part number   | Description   | Qty/Box |
|---------------|---|---------|
| AN-CON-305025 | SART System™,<br>Sartorius Stedim Biotech Aseptic Rapid Transfer System,<br>incl. external port, external port cover,<br>internal port and internal stopper | 1       |
| AN-CON-102025 | Gammasart ATD™,<br>Non sterile disposable connector for aseptic liquid transfer,<br>incl. connector body and connector cover                                | 50      |
| AN-CON-101025 | Gammasart ATD™,<br>Sterile disposable connector for aseptic liquid transfer,<br>incl. connector body and connector cover                                    | 10      |

Please note: Validation information can be obtained in the validation guide SLO5701-e.

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