



Cleaning

Retractable Spray Ball

- Cost effective
- Time saving
- Compliant
- Reliable

Retractable Spray Ball

Arguably the most advanced Retractable Spray Ball available, developed by Dec to overcome the significant challenges of cleaning full sterile and non sterile micronizing systems where product flow or cleaning to very high standards is critical.

The robust and reliable Retractable Spray Ball cleans the most difficult micronized materials from confined spaces then sterilises the product pathways using forced drying with both high pressures and temperatures.

This pioneering system has been validated on several facilities, even with sticky products. The only option available today for complete validated sterilisation.

Technical Data

- Max process supply temperature:
up to 140 °C (2.6 barg Steam)
- Max process supply pressure: 3 barg
- Pneumatic supply pressure: 6...8 barg
- Liquid consumption:
1.3 m³/h @ 1.5 barg
1.5 m³/h @ 2 barg
1.6 m³/h @ 2.5 barg
1.7 m³/h @ 3 barg
- Electrical protective measures IP 67
- Gas and dust explosion protection:
ATEX II 2GD (optional)
- Proximity switch (optional)

Materials

- Parts in contact with the product:
Stainless Steel AISI 316L
- Parts not in contact with the product:
Stainless Steel AISI 304
- Pneumatic cylinder: Aluminium alloy
- Gaskets: EPDM / PTFE
- O-Rings: Silicone encapsulated FEP

Surface Finish

Product Contact Surface - Ra <= 0.25 um

Features:

- **Innovative Design**
- **Delivers steam, hot nitrogen and cleaning fluids**
- **Full sterile pressure**
- **Self cleaning**
- **Comprehensive spray patterns**
- **Sterile or non sterile applications**
- **Fully Automated Processes**
- **ATEX versions**
- **IP67 external**

