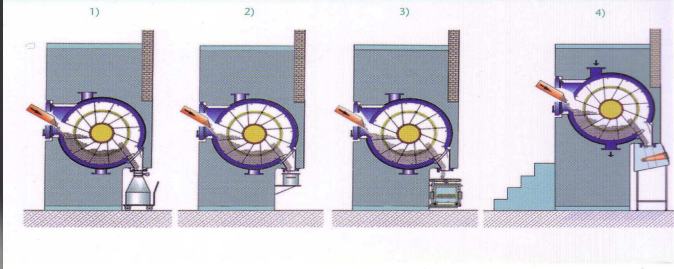
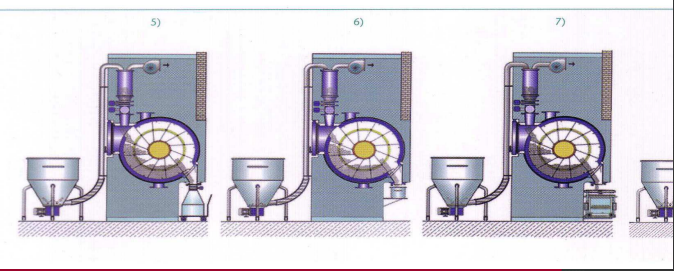


# LOAD HANDLING



Manual Loading



Automatic Loading

ICOS Washing and sterilizing equipment



# Manual Loading



ICOS Washing and sterilizing equipment



# Automatic Loading



ICOS Washing and sterilizing equipment



# Stopper processors: washing siliconizing sterilizing



- Free gravity flowing
- No manual handling
- No contamination risks.



# AUTOMATIC UNLOADING

ICOS Washing and sterilizing equipment



# AUTOMATIC UNLOADING



- Free gravity flowing
- No manual handling
- No contamination risks.

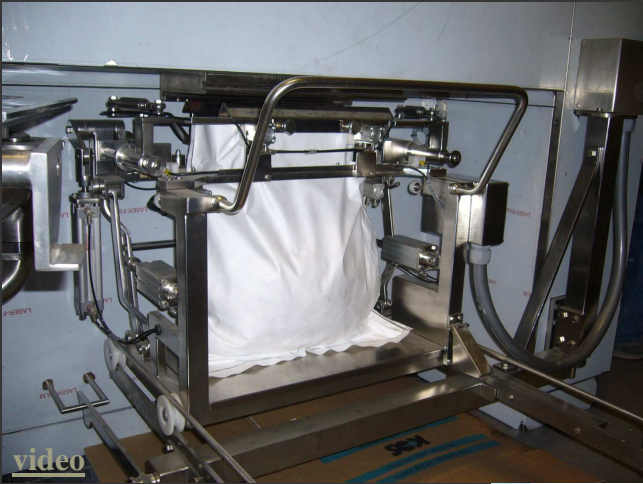


ICOS Washing and sterilizing equipment



# Unloading into thermowelded plastic bag

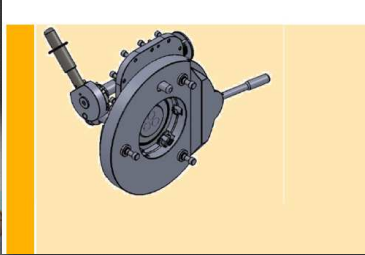

Stopper Unloading System  
into Thermowelded bags  
Dec. 2002





ICOS Washing and sterilizing equipment




### Stopper processors: washing siliconizing sterilizing




### Unloading through RTP valve





ICOS Washing and sterilizing equipment




### Unloading through Isolator and RTP



### Unloading into split valve, s.s. container or plastic bag



ICOS Washing and sterilizing equipment



## Stopper transfer



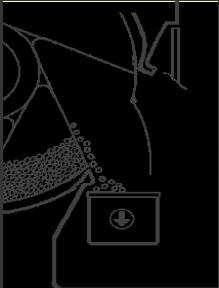
- Unloading into sterilized st. st. vessel
- The vessel is sterilized during the stopper sterilizing phase

ICOS Washing and sterilizing equipment



## AUTOMATIC UNLOADING Also from the loading side

- Free gravity flowing
- No manual handling
- No contamination risks.



ICOS Washing and sterilizing equipment

