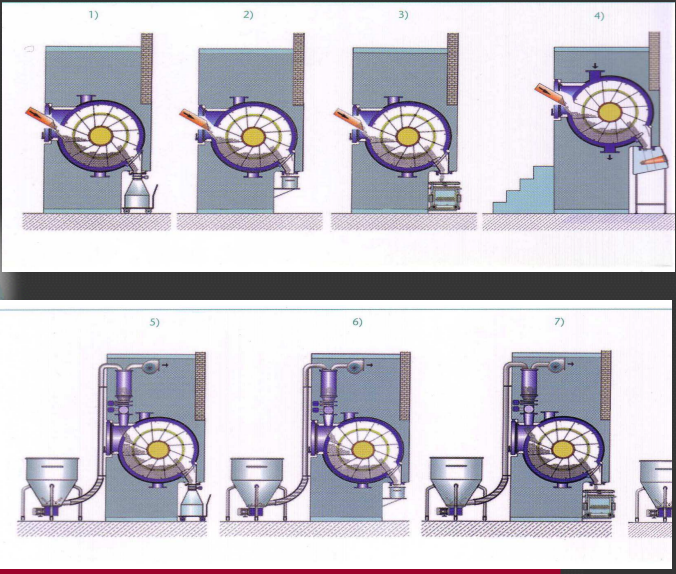


LOAD HANDLING



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.

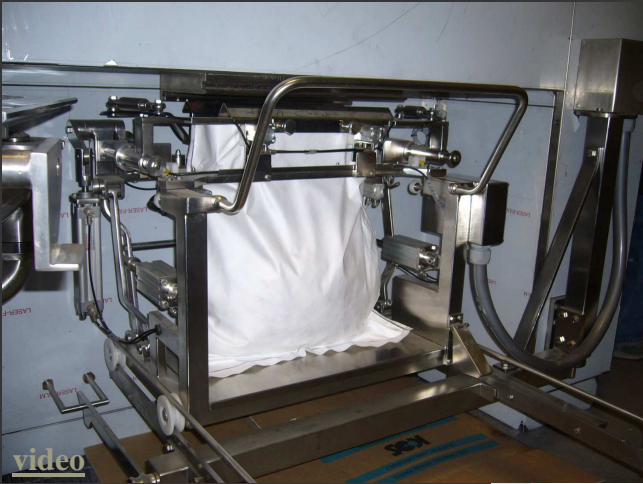


ICOS Washing and sterilizing equipment



Unloading into thermowelded plastic bag

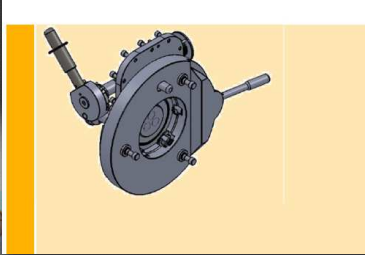

Stopper Unloading System
into Thermowelded bags
Dec. 2002





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



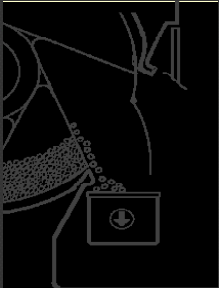
- Unloading into sterilized st. st. vessel
- The vessel is sterilized during the stopper sterilizing phase

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

